

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008042.D
 Acq On : 06 Oct 2019 02:37
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 07 00:17:12 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	7.68	152	3335	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	13283	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	8267	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	17174	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	18554	0.40	ng	-0.02
34) Perylene-d12	23.46	264	20516	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	4229	0.37	ng	-0.02
5) Phenol-d6	6.87	99	5201	0.36	ng	0.00
8) Nitrobenzene-d5	8.82	82	4655	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9349	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	1757	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	12521	0.37	ng	-0.02
25) Fluoranthene-d10	19.09	212	23127	0.40	ng	-0.02
29) Terphenyl-d14	19.69	244	19308	0.42	ng	-0.02

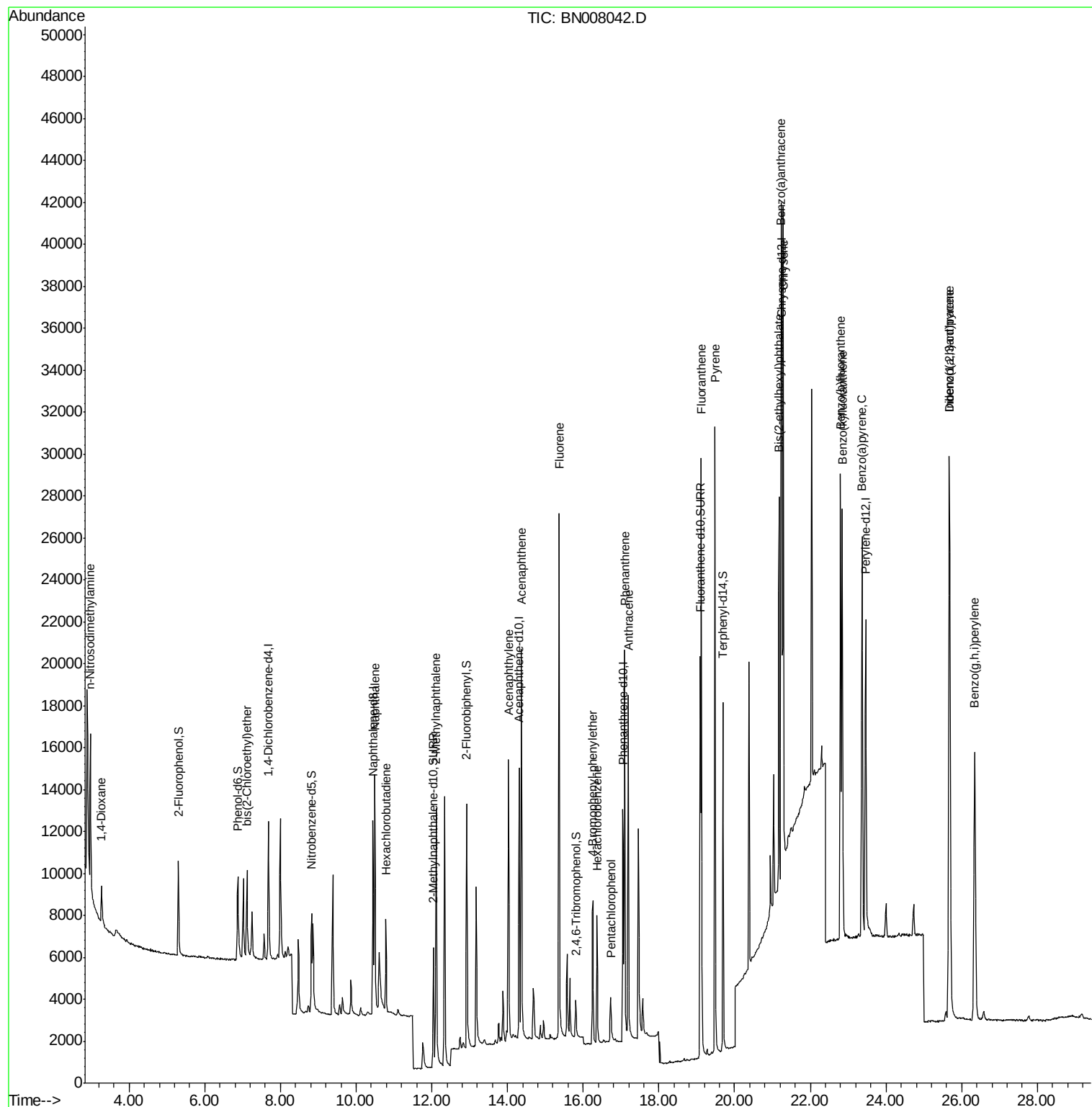
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	1287	0.346	ng	# 32
3) n-Nitrosodimethylamine	2.97	42	1088	0.639	ng	96
6) bis(2-Chloroethyl)ether	7.11	93	4625	0.490	ng	# 87
9) Naphthalene	10.49	128	15210	0.408	ng	99
10) Hexachlorobutadiene	10.79	225	3605	0.459	ng	# 99
12) 2-Methylnaphthalene	12.11	142	10506	0.417	ng	98
16) Acenaphthylene	14.02	152	17411	0.397	ng	100
17) Acenaphthene	14.37	154	10257	0.363	ng	97
18) Fluorene	15.36	166	13307	0.367	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	4216	0.404	ng	95
21) Hexachlorobenzene	16.37	284	5045	0.443	ng	96
22) Pentachlorophenol	16.73	266	1717	0.409	ng	99
23) Phenanthrene	17.09	178	20896	0.391	ng	100
24) Anthracene	17.19	178	19638	0.406	ng	100
26) Fluoranthene	19.12	202	26854	0.404	ng	100
28) Pyrene	19.48	202	27983	0.442	ng	99
30) Benzo(a)anthracene	21.23	228	27380	0.401	ng	98
31) Chrysene	21.28	228	27147	0.408	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	16347	0.465	ng	99
33) Indeno(1,2,3-cd)pyrene	25.67	276	33048	0.396	ng	98
35) Benzo(b)fluoranthene	22.80	252	28612	0.402	ng	# 84
36) Benzo(k)fluoranthene	22.84	252	26908	0.382	ng	# 89
37) Benzo(a)pyrene	23.36	252	26725	0.399	ng	# 77
38) Dibenzo(a,h)anthracene	25.68	278	27003	0.394	ng	# 89
39) Benzo(g,h,i)perylene	26.35	276	27519	0.406	ng	94

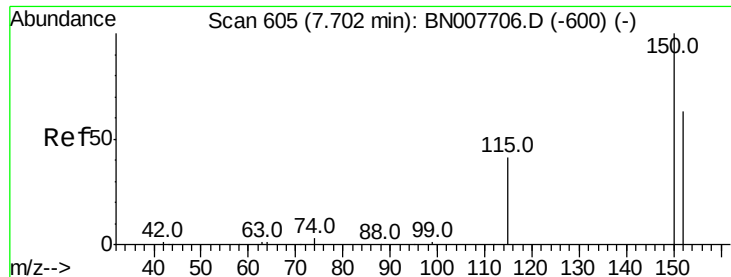
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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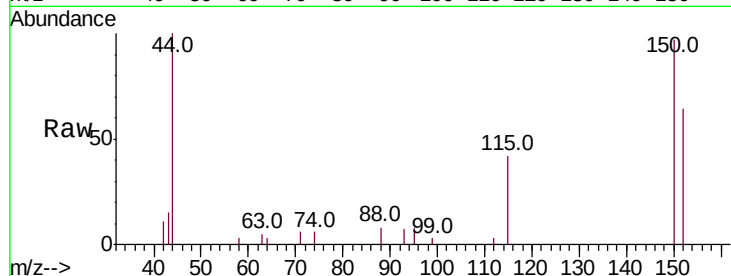


#1

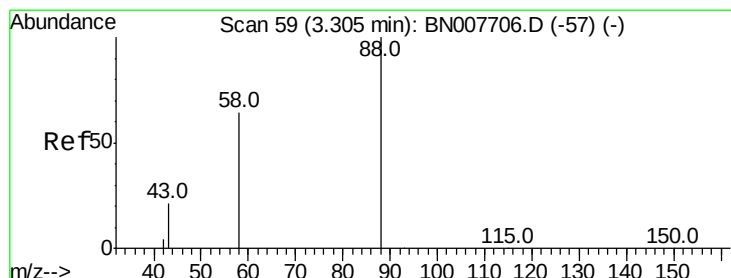
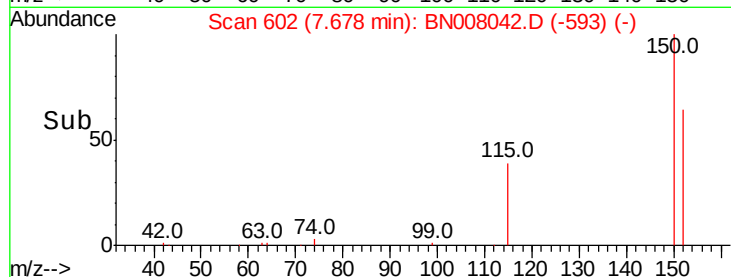
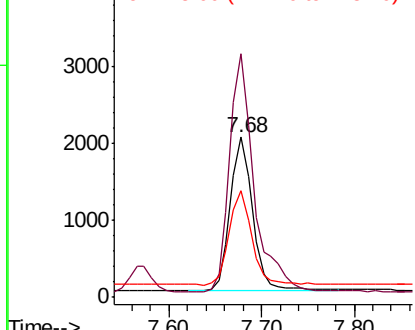
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3335
Ion Ratio Lower Upper
152 100
150 152.0 125.6 188.4
115 66.6 53.3 79.9



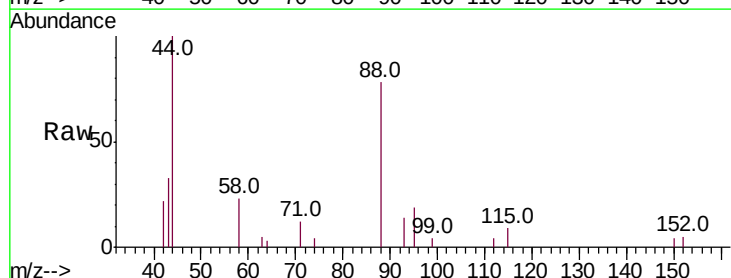
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



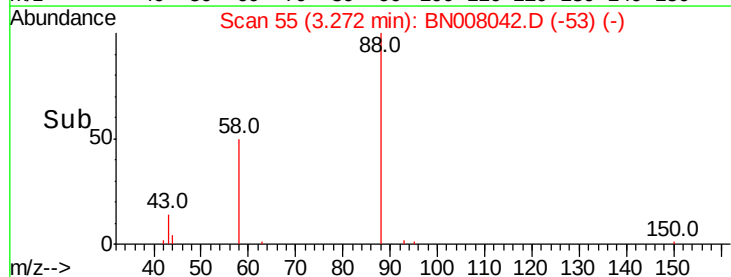
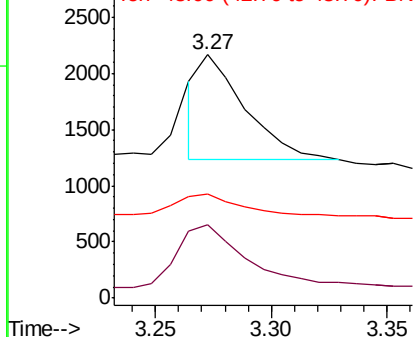
#2

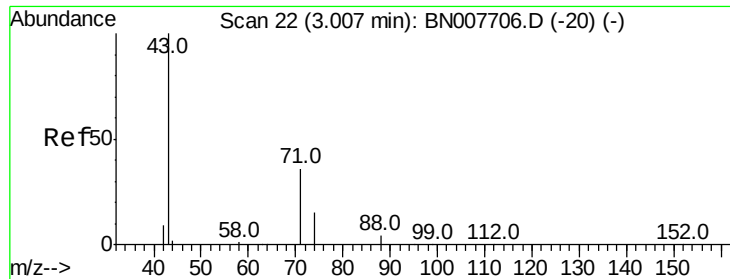
1,4-Dioxane
Concen: 0.346 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008042.D
Acq: 06 Oct 2019 02:37

Tgt Ion: 88 Resp: 1287
Ion Ratio Lower Upper
88 100
58 0.0 44.6 66.8#
43 0.0 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: 0.639 ng

RT: 2.97 min Scan# 18

Delta R.T. -0.03 min

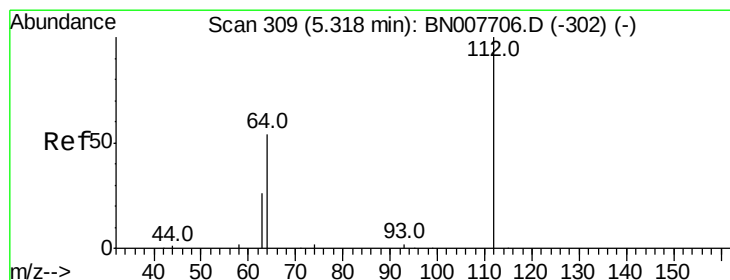
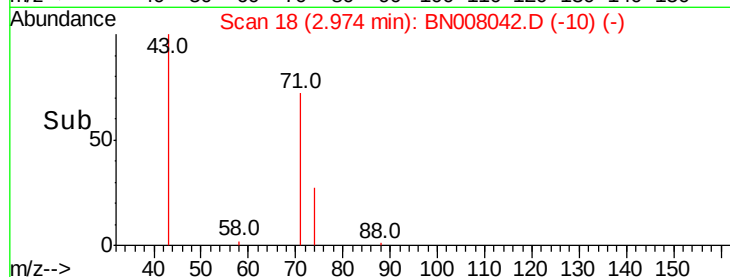
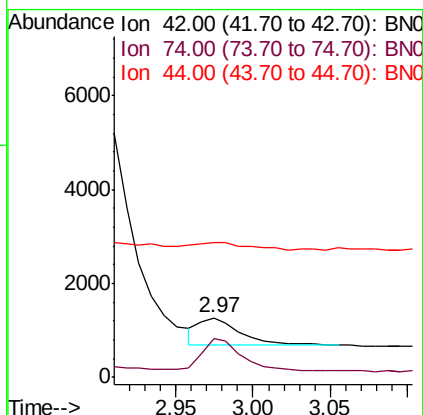
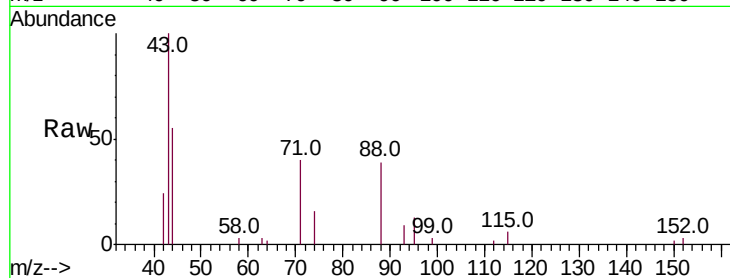
Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion: 42 Resp: 1088

Ion	Ratio	Lower	Upper
42	100		
74	112.4	87.9	131.9
44	31.2	29.4	44.0



#4

2-Fluorophenol

Concen: 0.368 ng

RT: 5.30 min Scan# 307

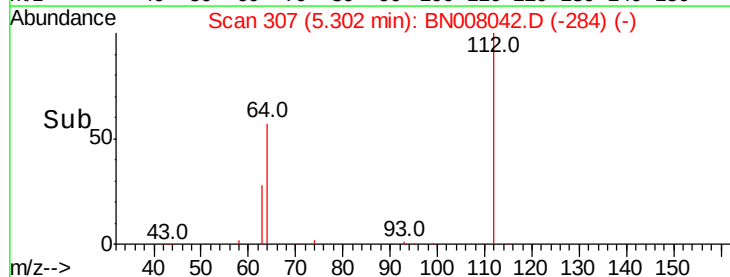
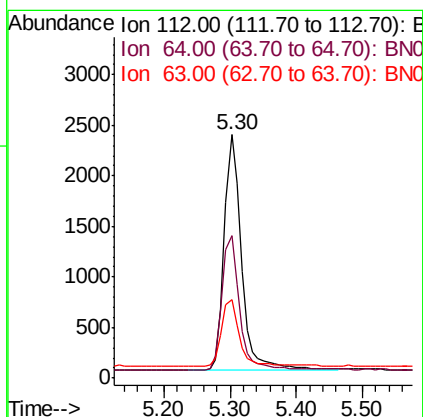
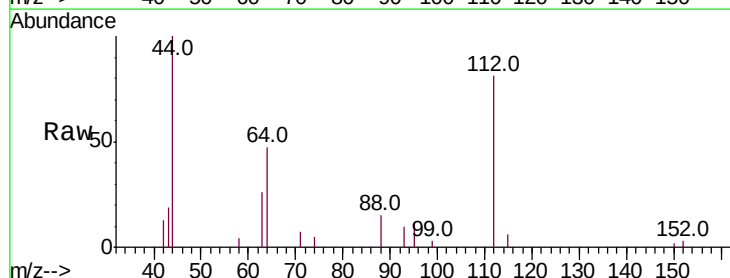
Delta R.T. -0.02 min

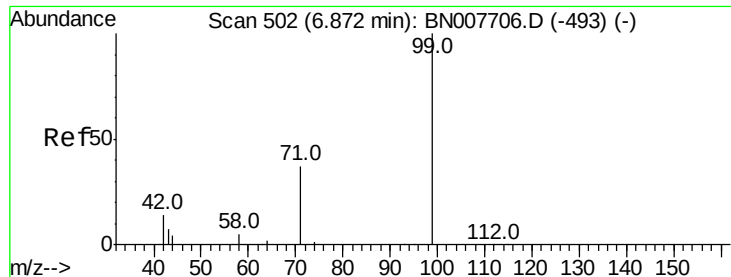
Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Tgt Ion: 112 Resp: 4229

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	70.0
63	29.8	23.1	34.7





#5

Phenol-d6

Concen: 0.363 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

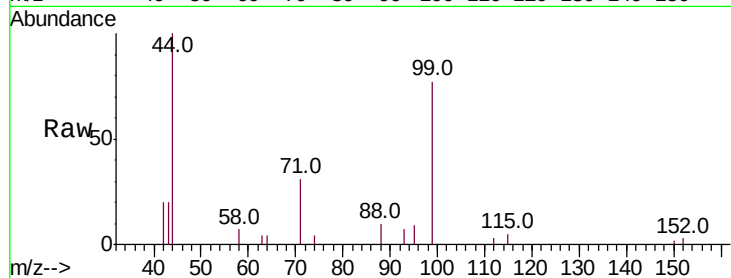
Tot Ion: 99 Resp: 5201

Ion Ratio Lower Upper

99 100

42 13.6 12.8 19.2

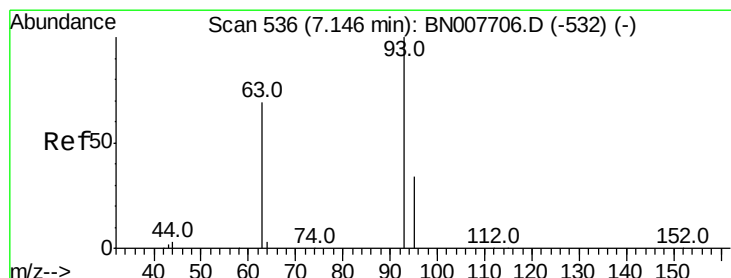
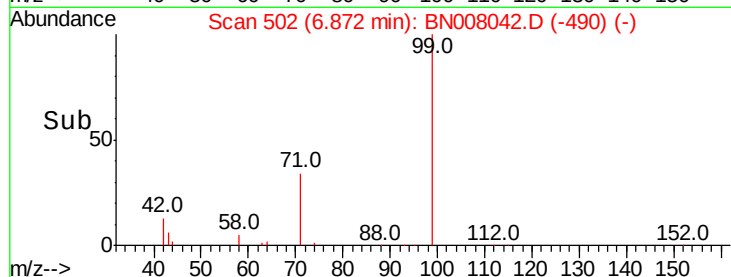
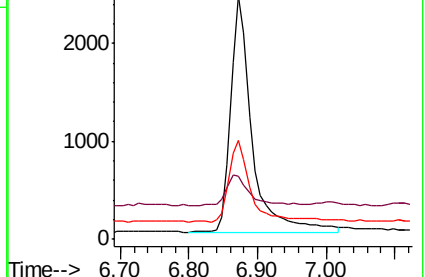
71 34.8 27.6 41.4



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: 0.490 ng

RT: 7.11 min Scan# 532

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

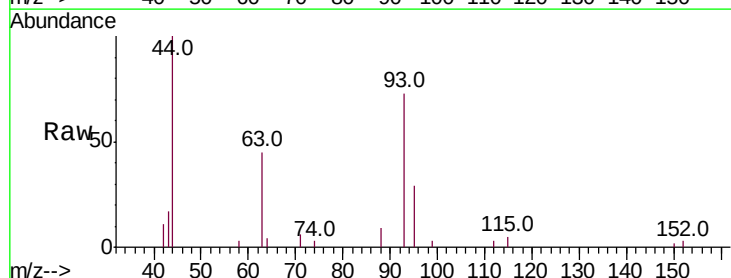
Tgt Ion: 93 Resp: 4625

Ion Ratio Lower Upper

93 100

63 64.4 59.3 88.9

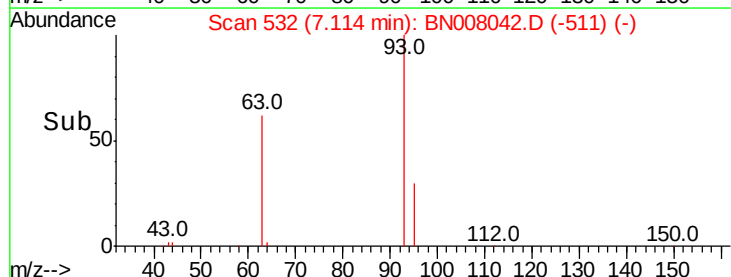
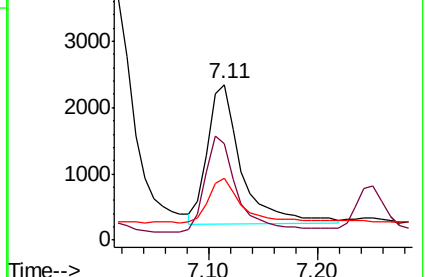
95 29.6 31.4 47.0#

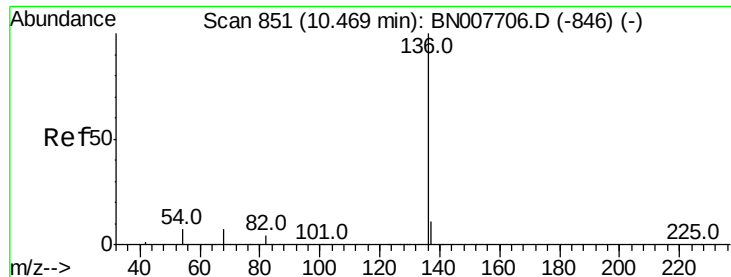


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 13283

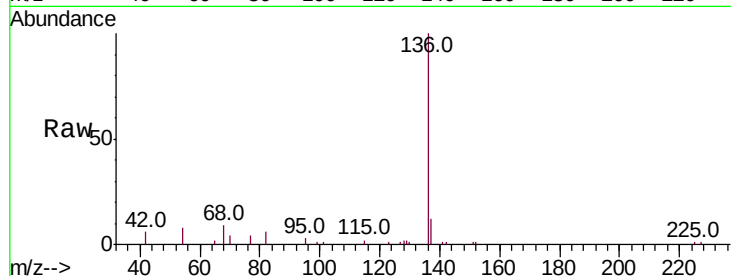
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 8.0 5.8 8.8

68 8.9 6.5 9.7

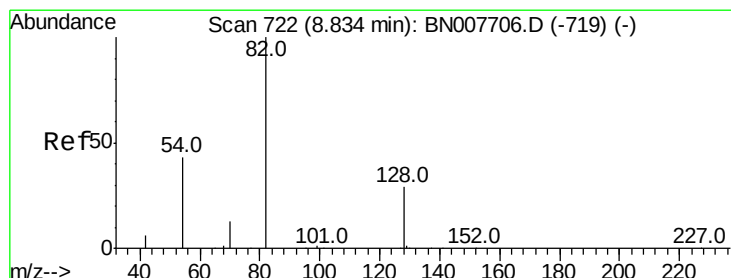
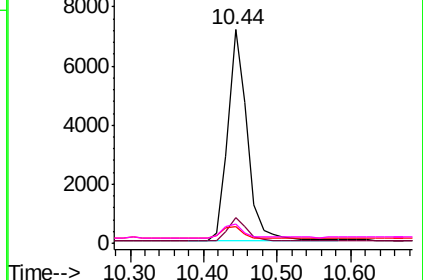
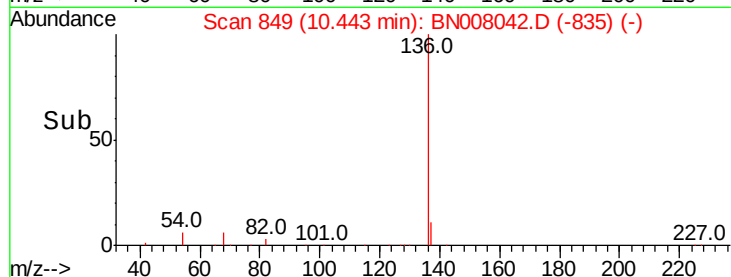


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0



#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

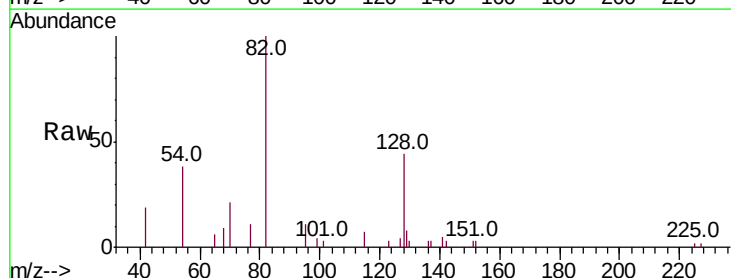
Tgt Ion: 82 Resp: 4655

Ion Ratio Lower Upper

82 100

128 44.4 24.5 36.7#

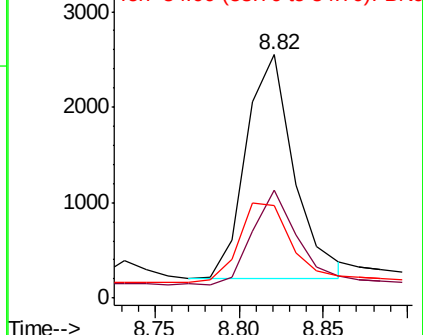
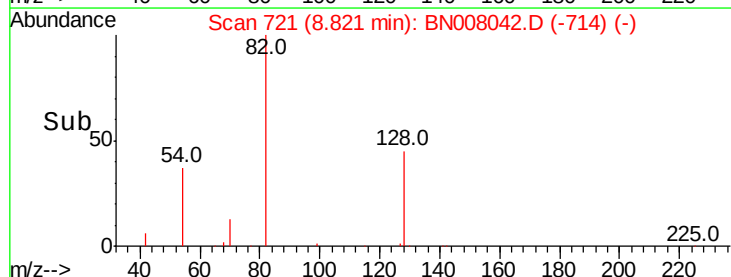
54 38.2 35.2 52.8

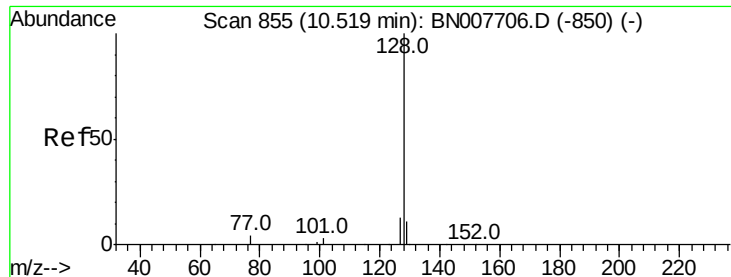


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0





#9

Naphthalene

Concen: 0.408 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

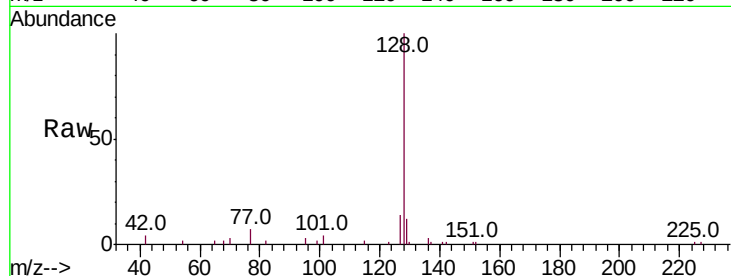
Tot Ion:128 Resp: 15210

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

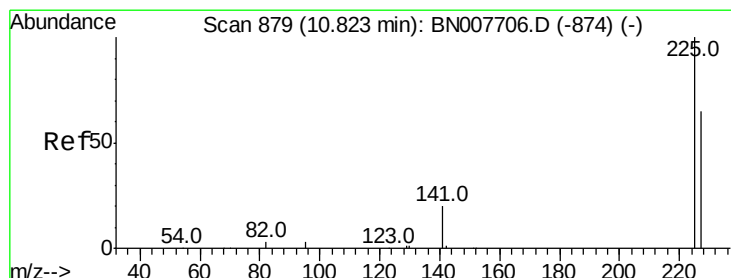
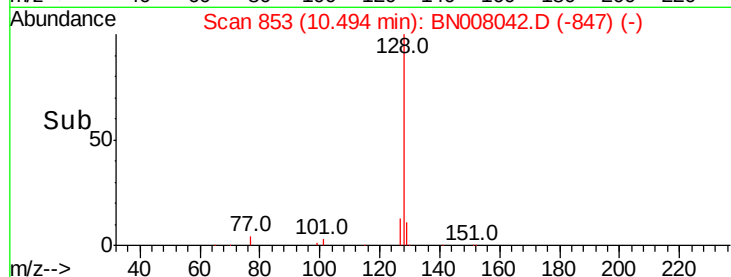
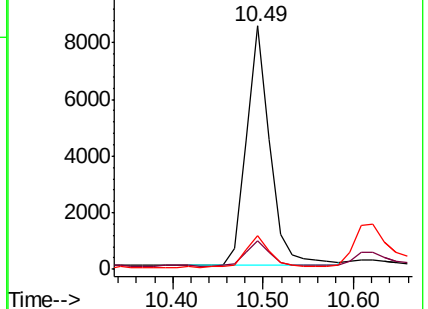
127 13.8 10.6 15.8



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: 0.459 ng

RT: 10.79 min Scan# 876

Delta R.T. -0.04 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

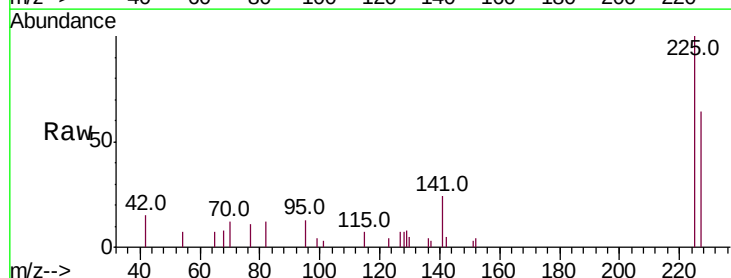
Tgt Ion:225 Resp: 3605

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

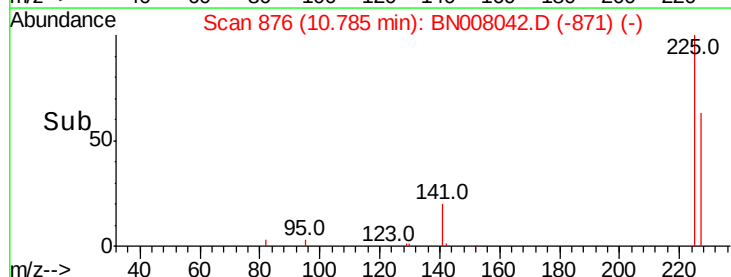
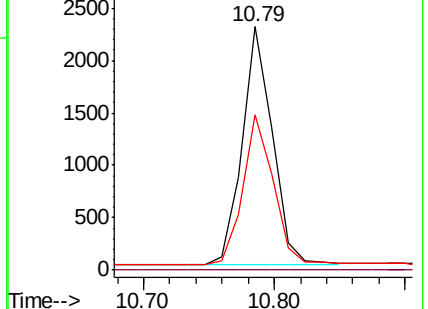
227 63.5 51.2 76.8

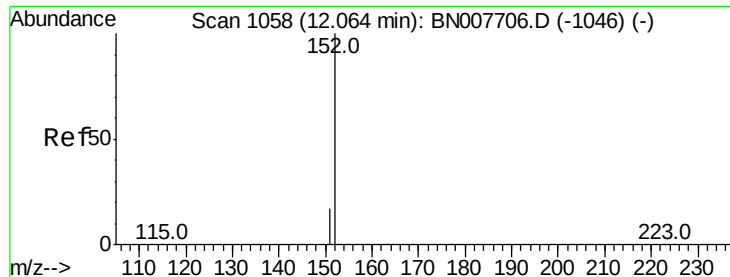


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 12.04 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

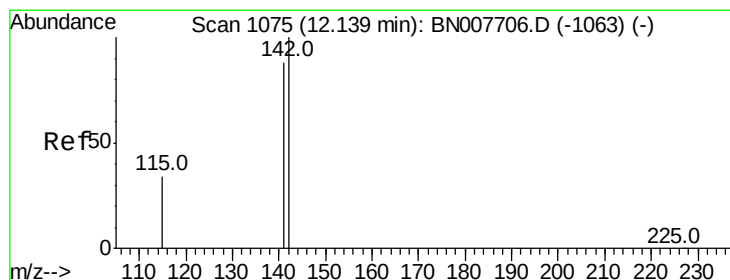
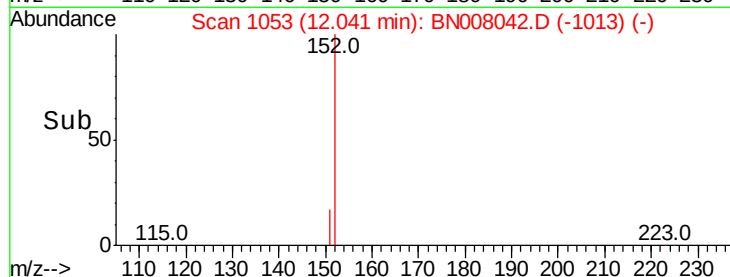
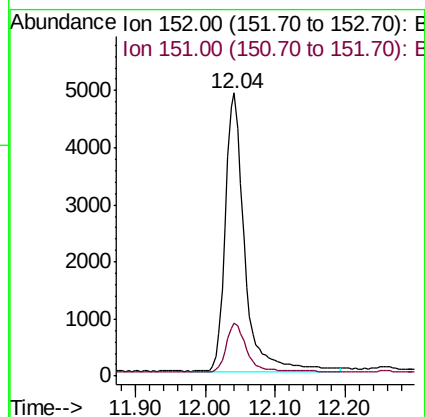
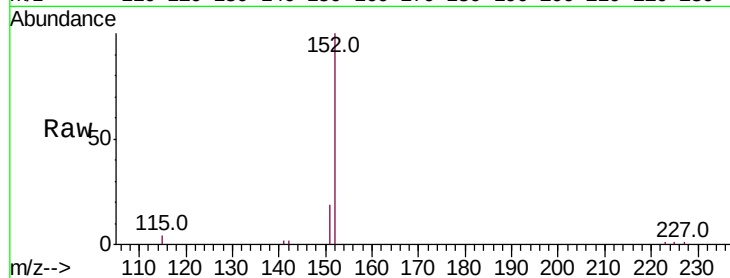
SSTDCCC0.4

Tot Ion:152 Resp: 9349

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2



#12

2-Methylnaphthalene

Concen: 0.417 ng

RT: 12.11 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

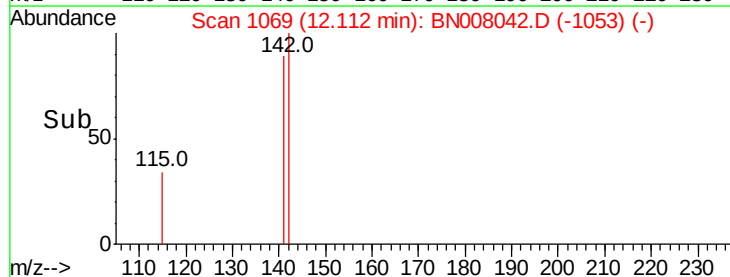
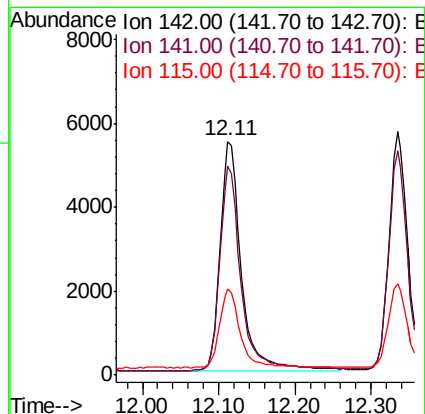
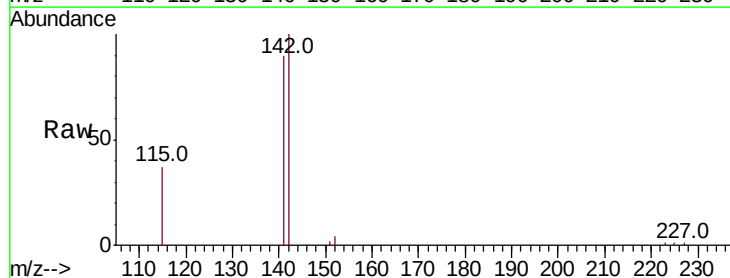
Tgt Ion:142 Resp: 10506

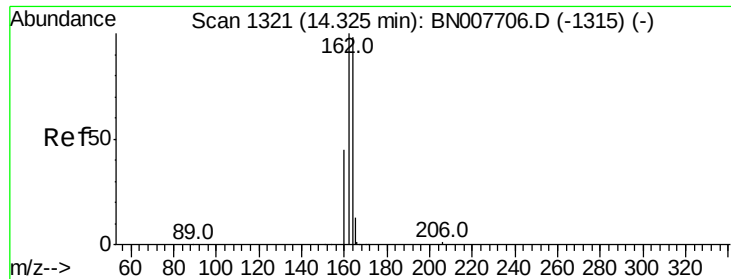
Ion Ratio Lower Upper

142 100

141 89.5 70.6 106.0

115 36.7 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

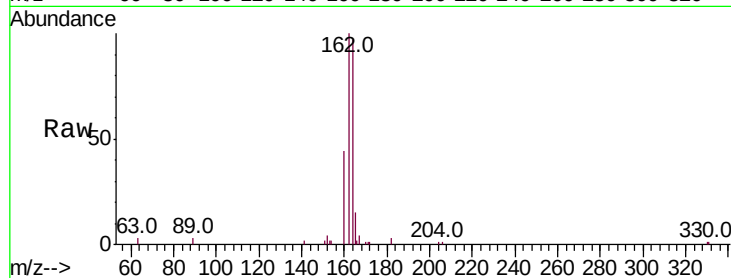
Tot Ion:164 Resp: 8267

Ion Ratio Lower Upper

164 100

162 103.4 81.7 122.5

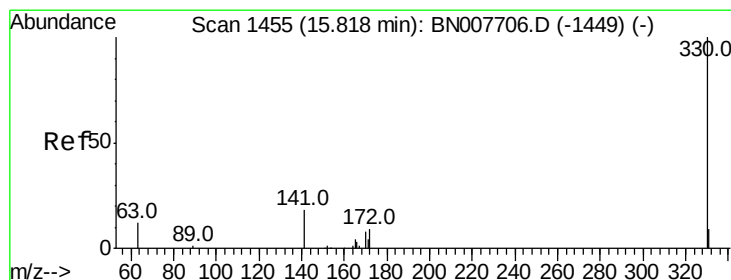
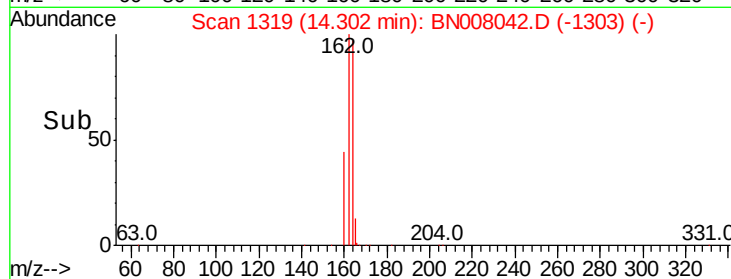
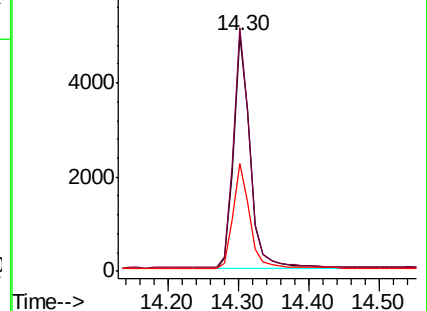
160 45.9 37.0 55.4



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: 0.390 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

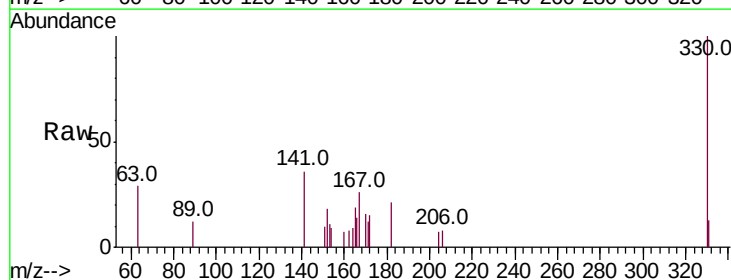
Tgt Ion:330 Resp: 1757

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

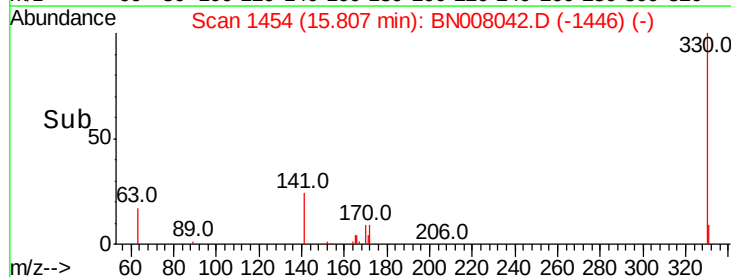
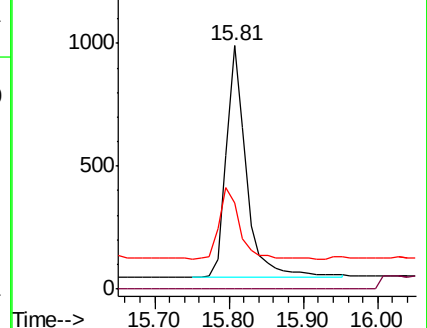
141 31.9 28.7 43.1

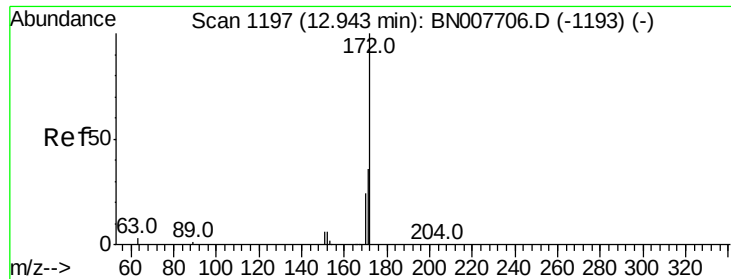


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

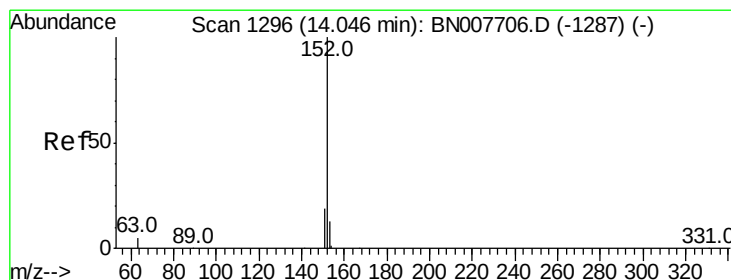
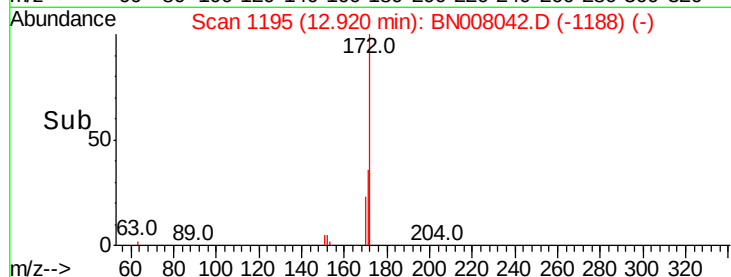
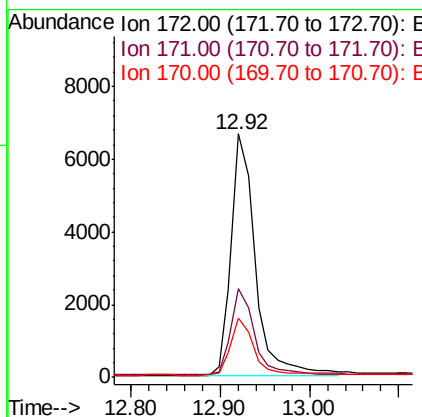
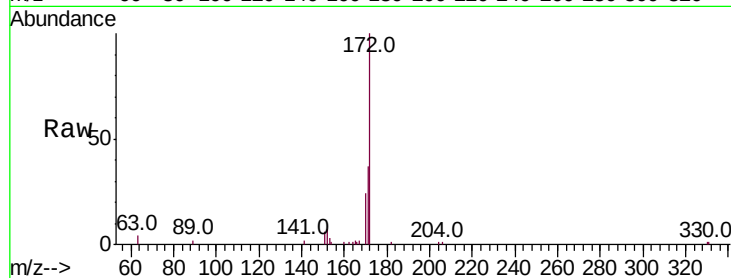




#15
 2-Fluorobiphenyl
 Concen: 0.368 ng
 RT: 12.92 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BN008042.D
 Acq: 06 Oct 2019 02:37

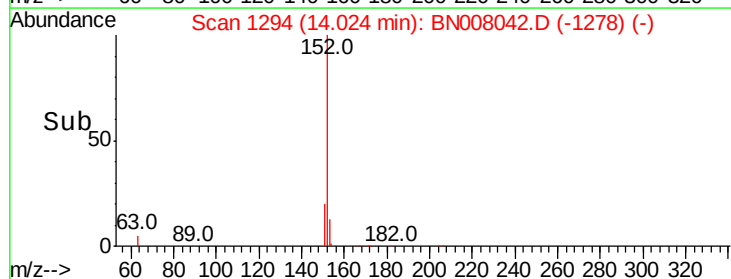
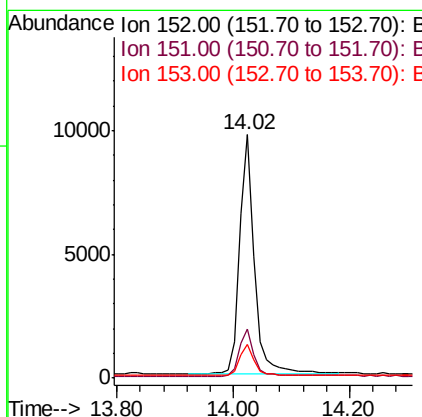
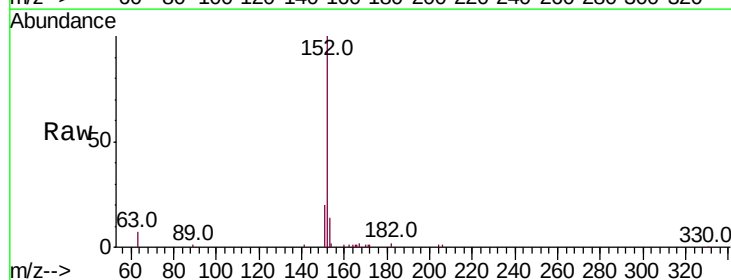
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

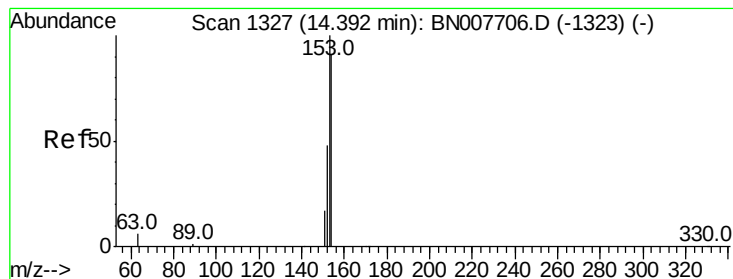
Tot Ion:172 Resp: 12521
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.8 43.2
 170 24.3 19.5 29.3



#16
 Acenaphthylene
 Concen: 0.397 ng
 RT: 14.02 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BN008042.D
 Acq: 06 Oct 2019 02:37

Tgt Ion:152 Resp: 17411
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.5 23.3
 153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.363 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

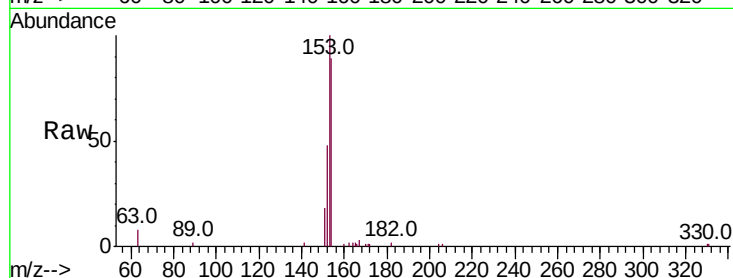
Tot Ion:154 Resp: 10257

Ion Ratio Lower Upper

154 100

153 113.7 87.0 130.4

152 53.2 42.7 64.1

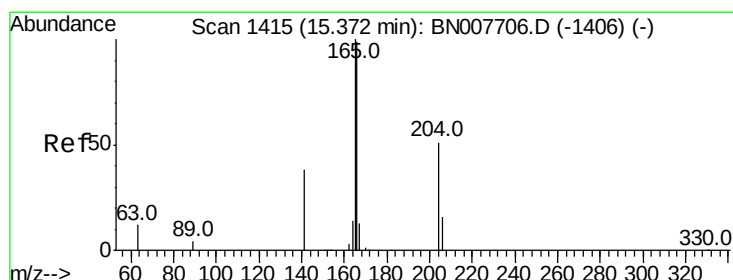
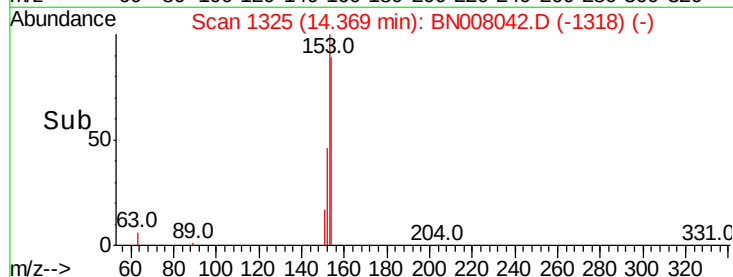
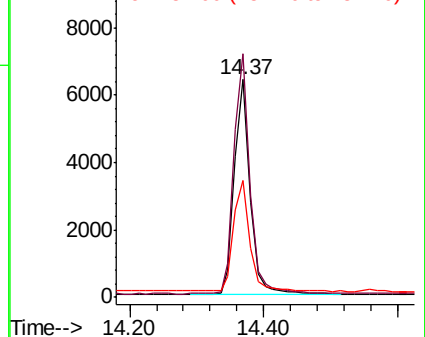


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.367 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

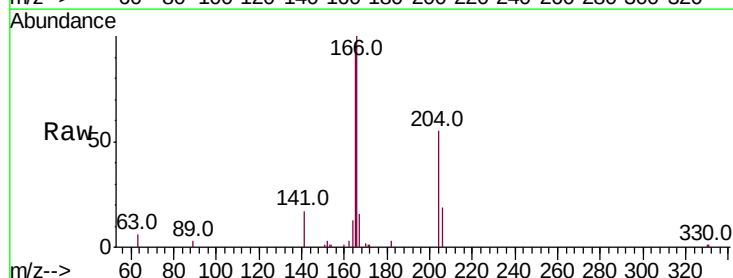
Tgt Ion:166 Resp: 13307

Ion Ratio Lower Upper

166 100

165 97.8 78.0 117.0

167 13.2 10.9 16.3

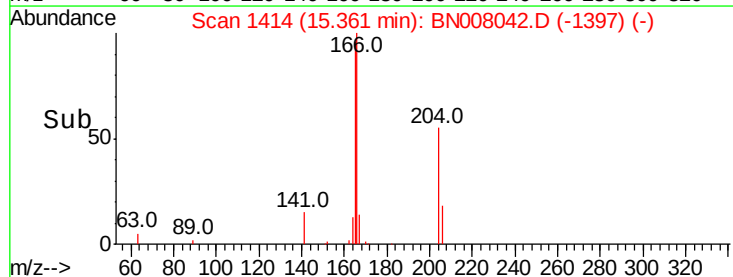
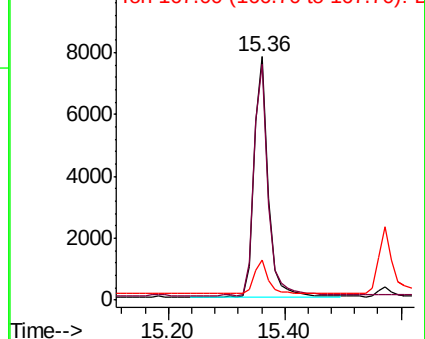


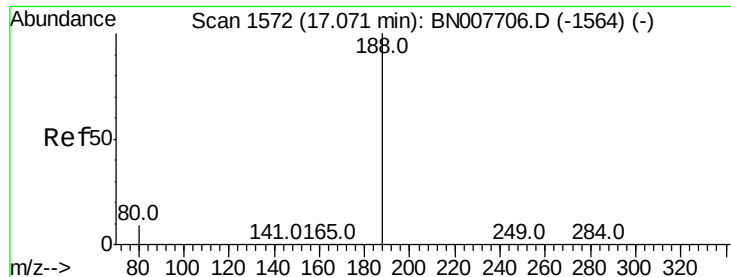
Abundance

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: 17.05 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

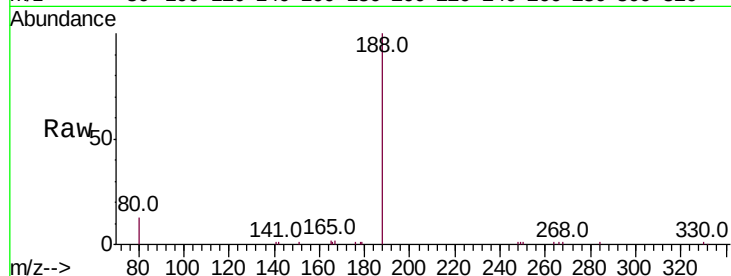
Tot Ion:188 Resp: 17174

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

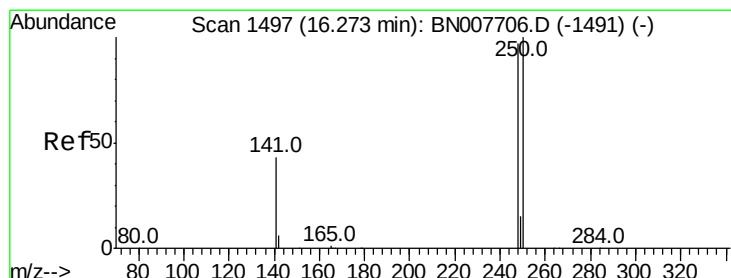
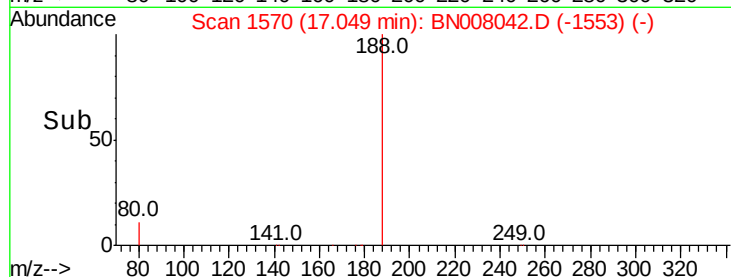
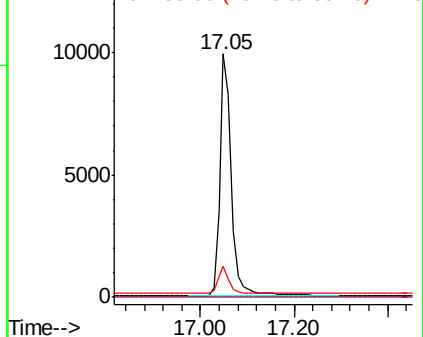
80 12.9 7.4 11.2#



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: 0.404 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

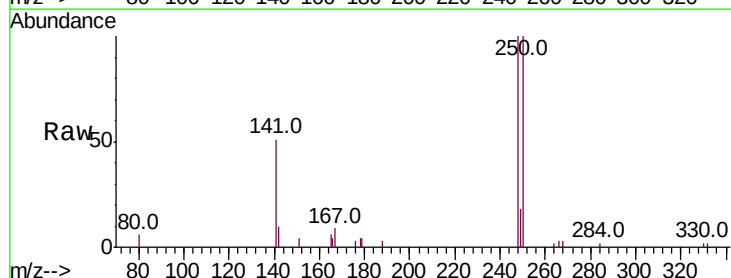
Tgt Ion:248 Resp: 4216

Ion Ratio Lower Upper

248 100

250 99.6 82.2 123.4

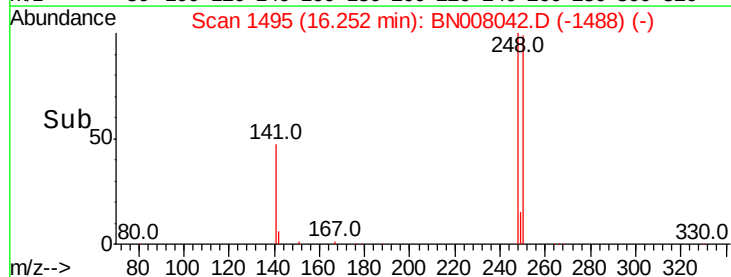
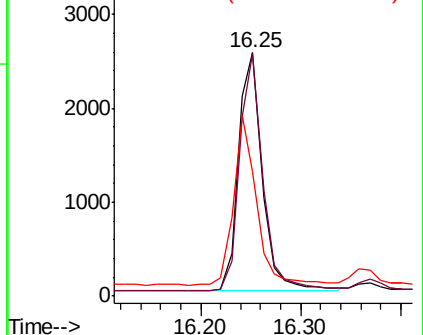
141 51.0 36.3 54.5

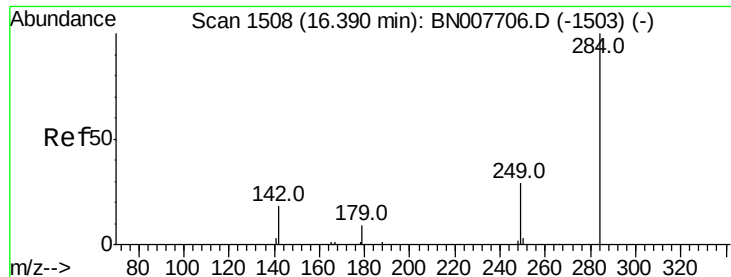


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.443 ng

RT: 16.37 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

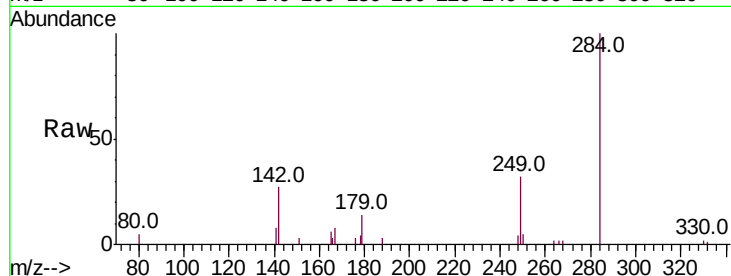
Tot Ion:284 Resp: 5045

Ion Ratio Lower Upper

284 100

142 29.9 25.8 38.6

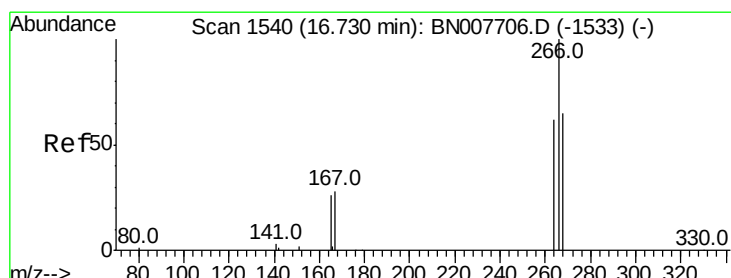
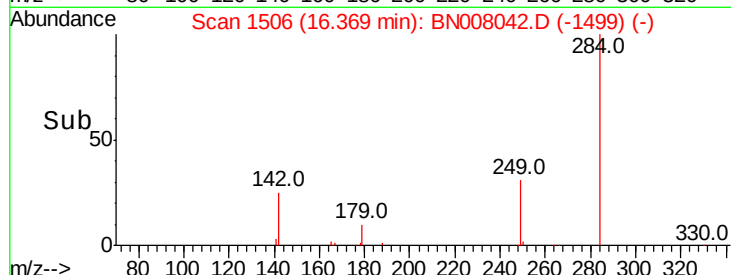
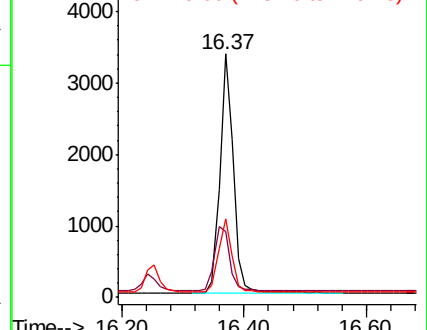
249 30.6 25.9 38.9



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: 0.409 ng

RT: 16.73 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

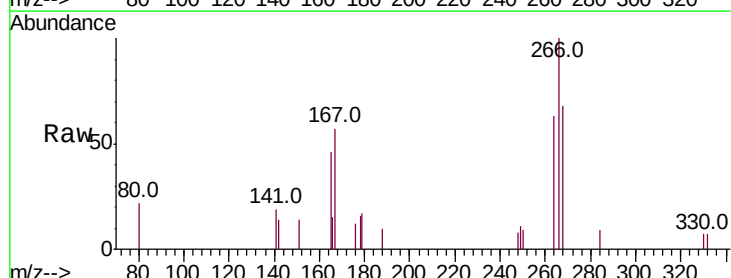
Tgt Ion:266 Resp: 1717

Ion Ratio Lower Upper

266 100

264 63.3 50.0 75.0

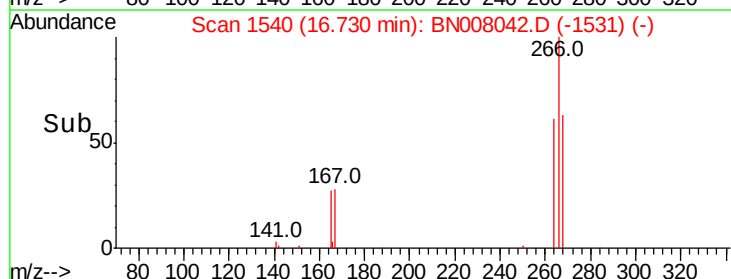
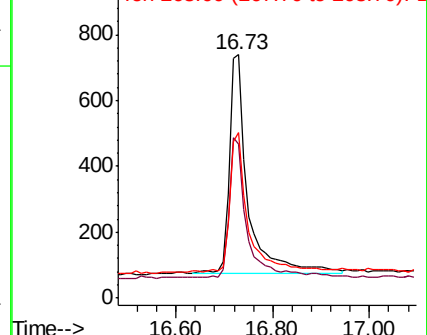
268 68.1 54.2 81.4

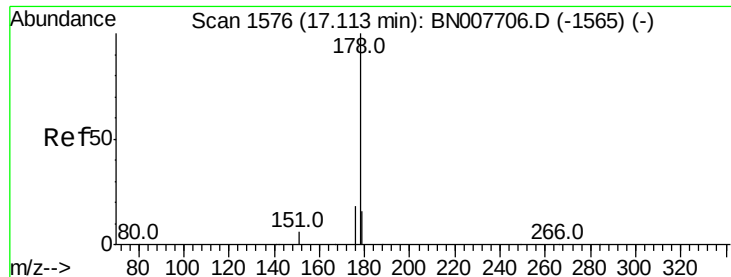


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

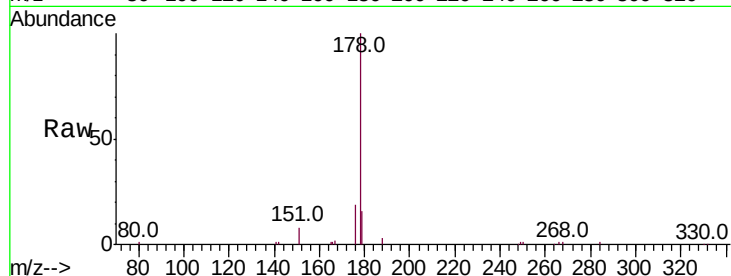
Tot Ion:178 Resp: 20896

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

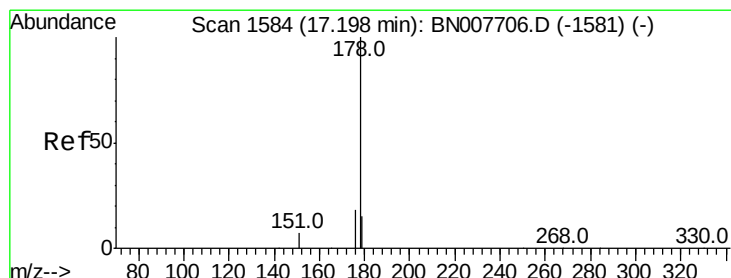
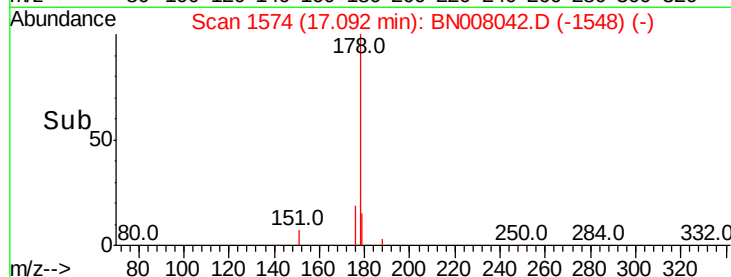
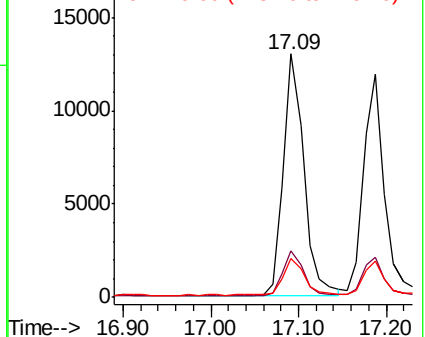
179 15.8 12.5 18.7



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: 0.406 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

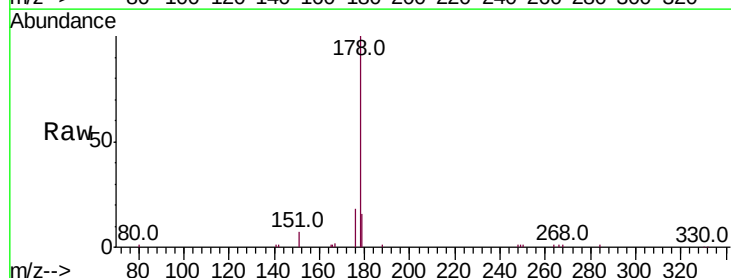
Tgt Ion:178 Resp: 19638

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

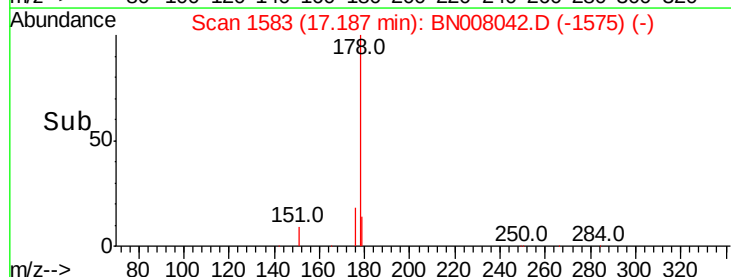
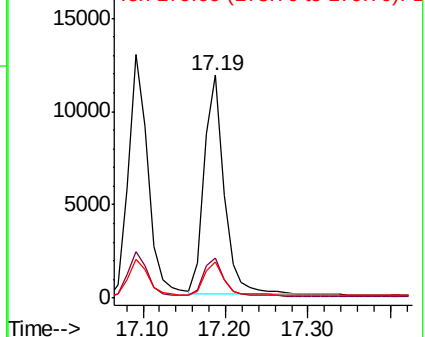
179 15.0 12.2 18.4

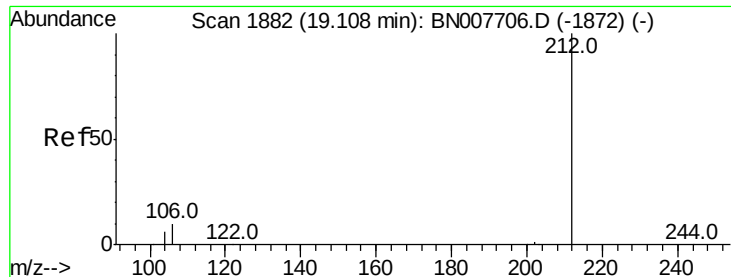


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

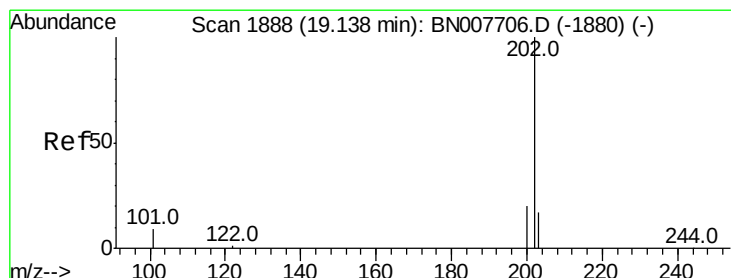
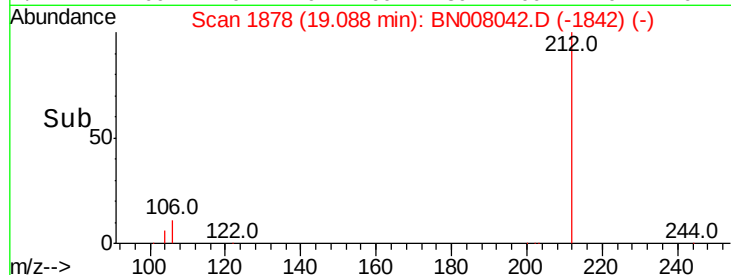
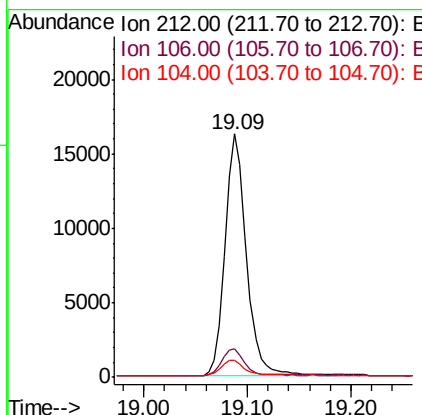
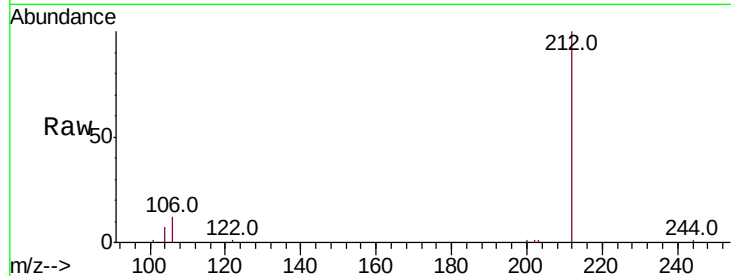




#25
 Fluoranthene-d10
 Concen: 0.400 ng
 RT: 19.09 min Scan# 1878
 Delta R.T. -0.02 min
 Lab File: BN008042.D
 Acq: 06 Oct 2019 02:37

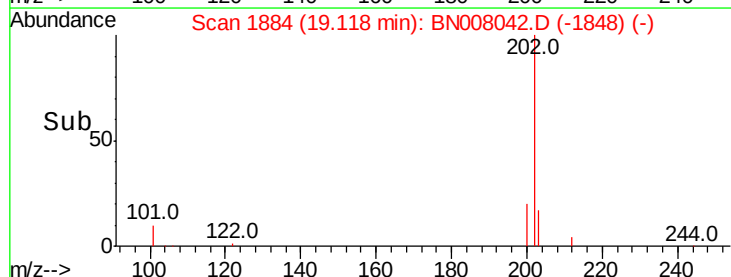
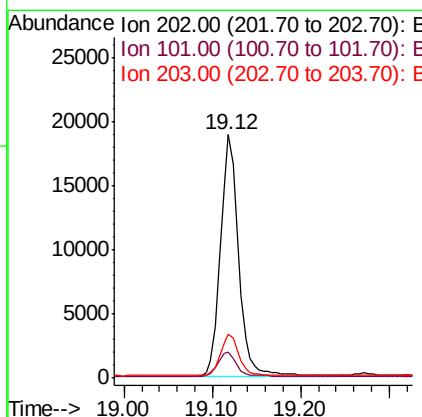
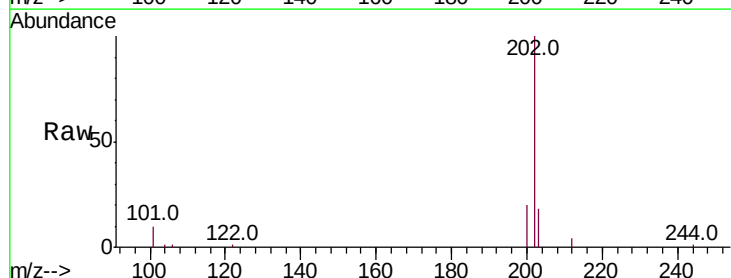
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

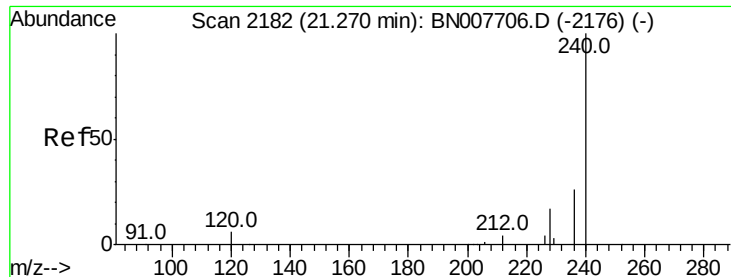
Tot Ion:212 Resp: 23127
 Ion Ratio Lower Upper
 212 100
 106 11.5 9.4 14.0
 104 6.5 5.3 7.9



#26
 Fluoranthene
 Concen: 0.404 ng
 RT: 19.12 min Scan# 1884
 Delta R.T. -0.02 min
 Lab File: BN008042.D
 Acq: 06 Oct 2019 02:37

Tgt Ion:202 Resp: 26854
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.4 12.6
 203 17.1 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

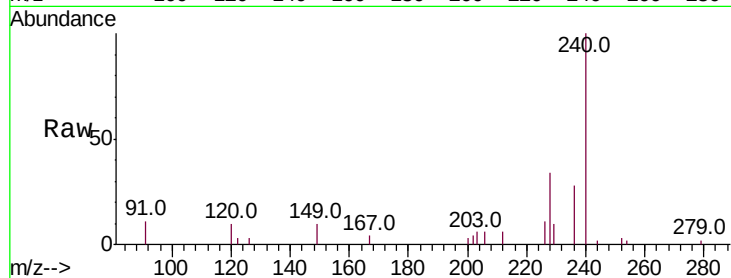
Tot Ion:240 Resp: 18554

Ion Ratio Lower Upper

240 100

120 10.2 5.4 8.2#

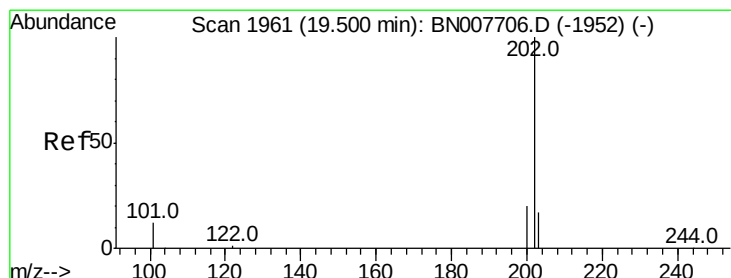
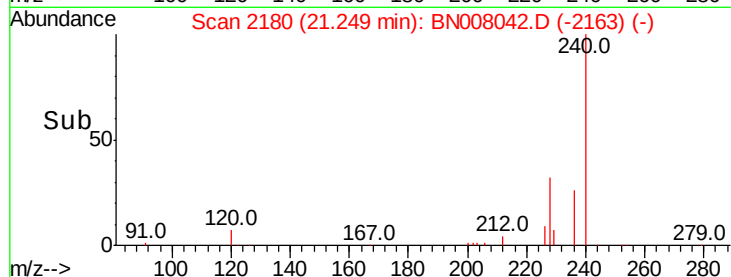
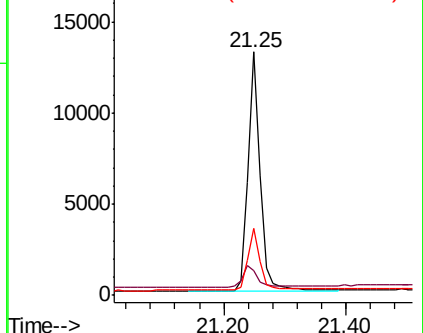
236 27.6 21.0 31.4



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: 0.442 ng

RT: 19.48 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

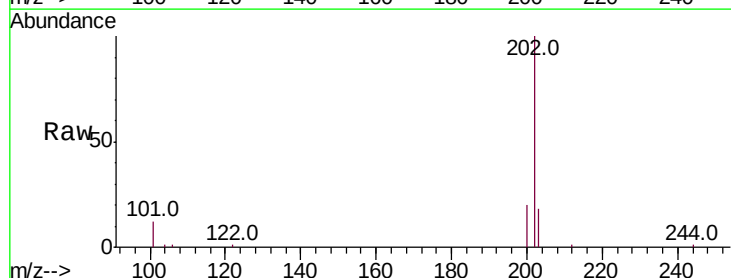
Tgt Ion:202 Resp: 27983

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

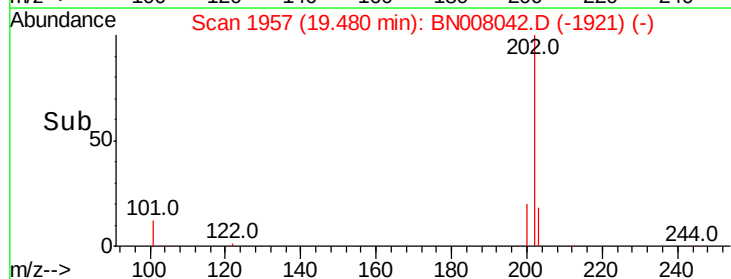
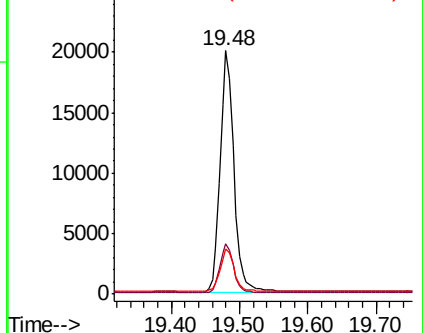
203 18.0 14.1 21.1

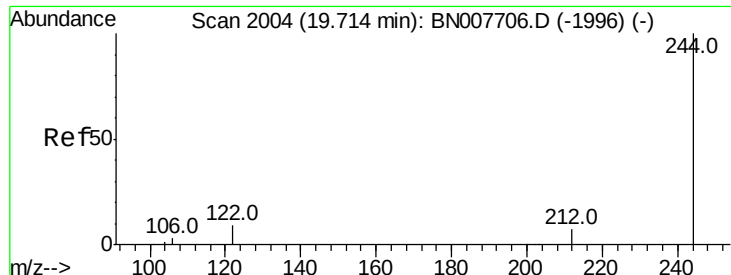


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

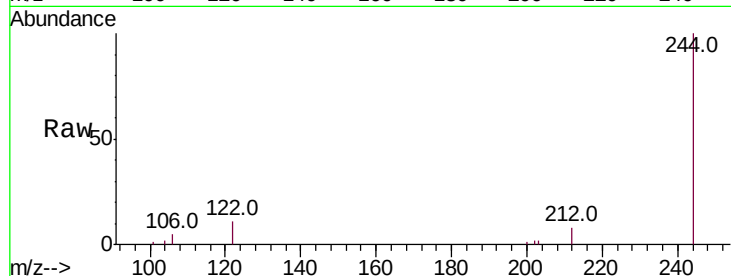
Tot Ion:244 Resp: 19308

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

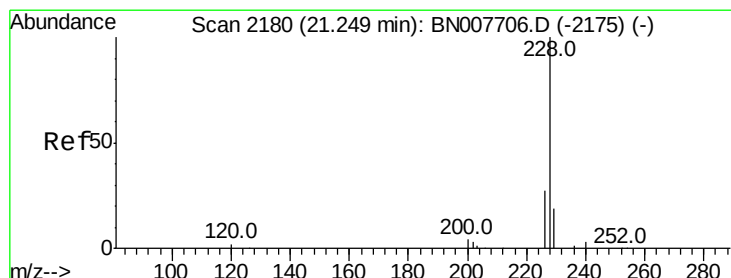
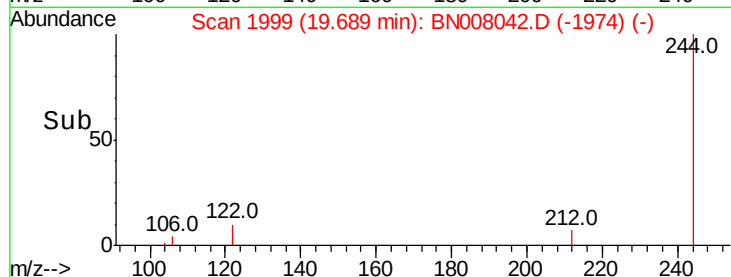
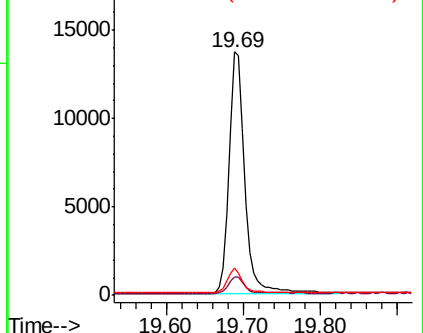
122 11.1 7.4 11.2



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: 0.401 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

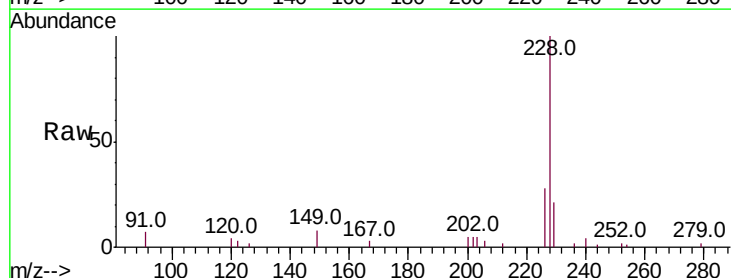
Tgt Ion:228 Resp: 27380

Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

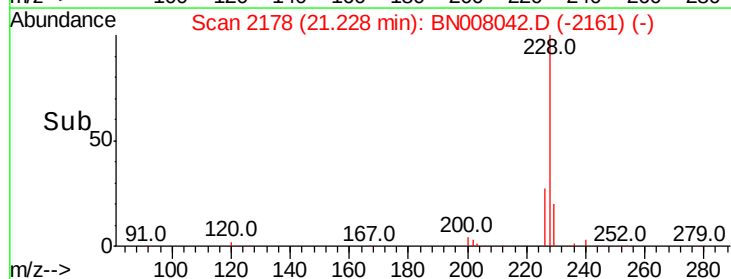
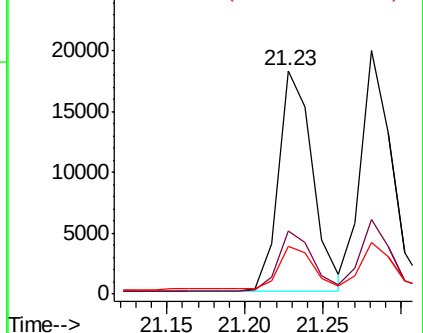
229 21.3 15.8 23.6

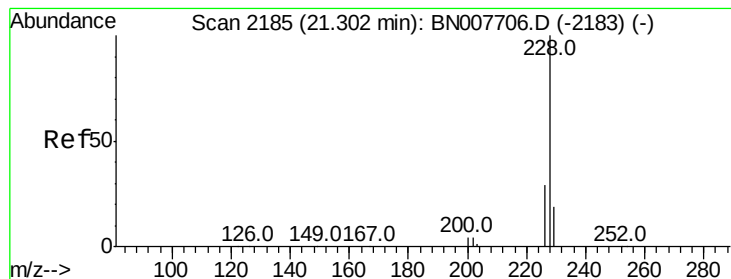


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.408 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

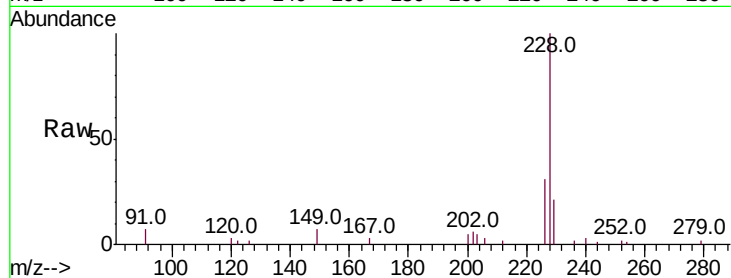
Tot Ion:228 Resp: 27147

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

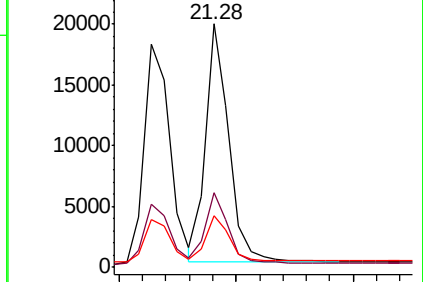
229 21.1 15.8 23.6



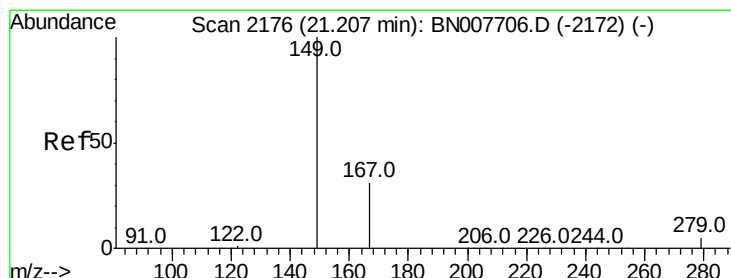
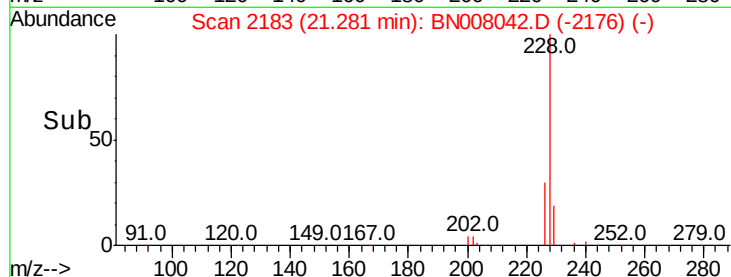
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.20 21.30 21.40



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.465 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

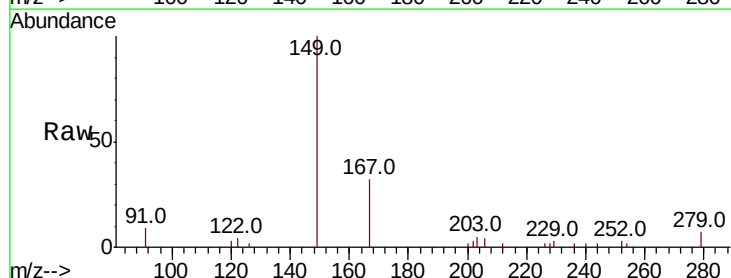
Tgt Ion:149 Resp: 16347

Ion Ratio Lower Upper

149 100

167 29.9 23.7 35.5

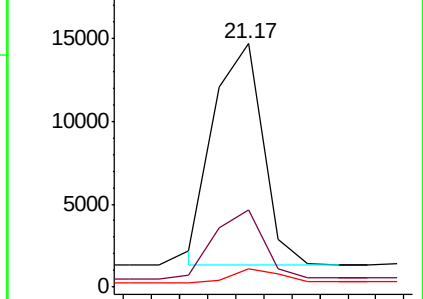
279 6.1 4.2 6.2



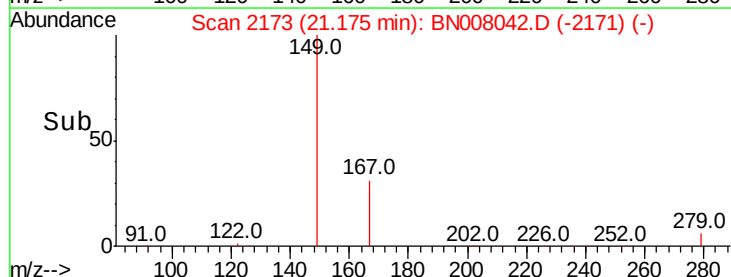
Abundance Ion 149.00 (148.70 to 149.70): E

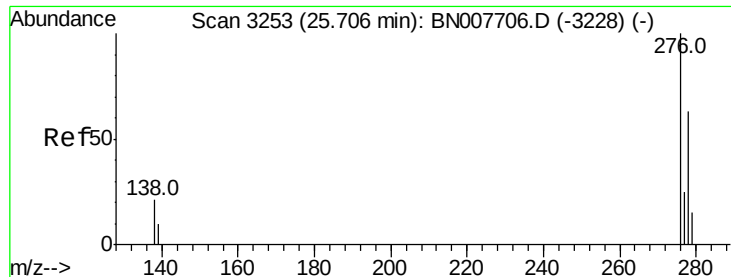
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.15 21.20





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng

RT: 25.67 min Scan# 3243

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

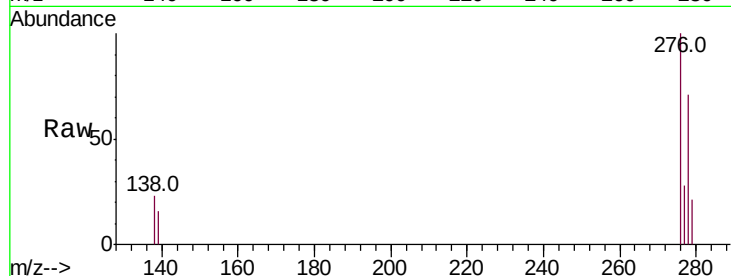
Tot Ion:276 Resp: 33048

Ion Ratio Lower Upper

276 100

138 19.2 17.1 25.7

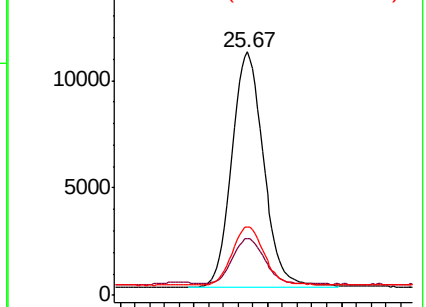
277 25.1 20.0 30.0



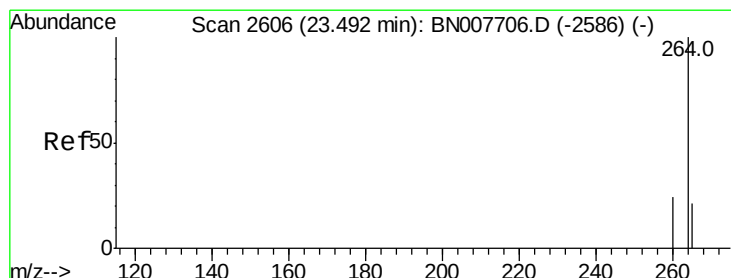
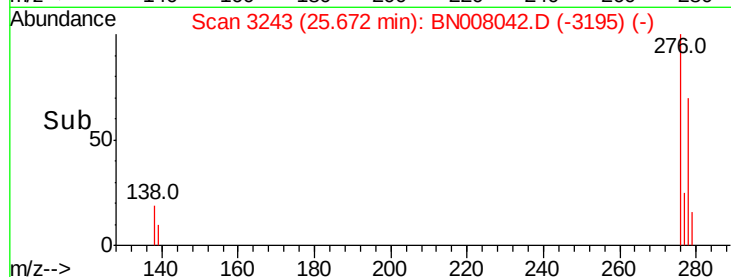
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 25.50 25.60 25.70 25.80



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2597

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

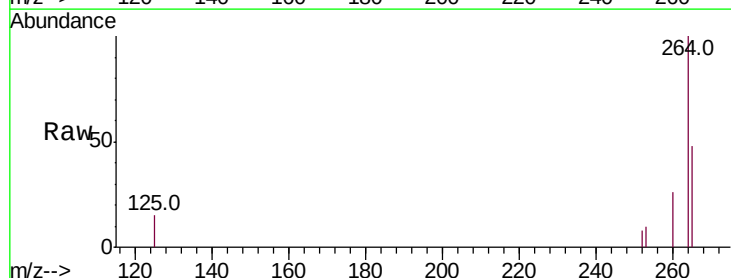
Tgt Ion:264 Resp: 20516

Ion Ratio Lower Upper

264 100

260 25.8 19.3 28.9

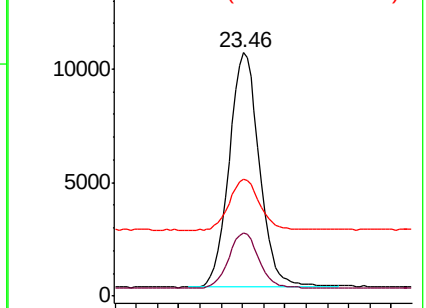
265 47.9 26.9 40.3#



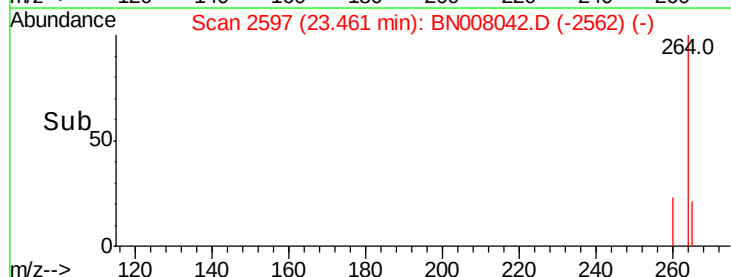
Abundance Ion 264.00 (263.70 to 264.70): E

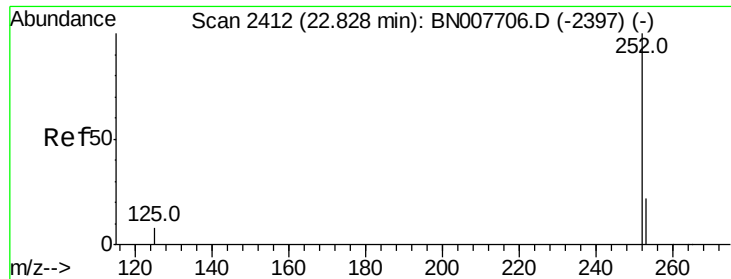
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 23.40 23.50





#35

Benzo(b)fluoranthene

Concen: 0.402 ng

RT: 22.80 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

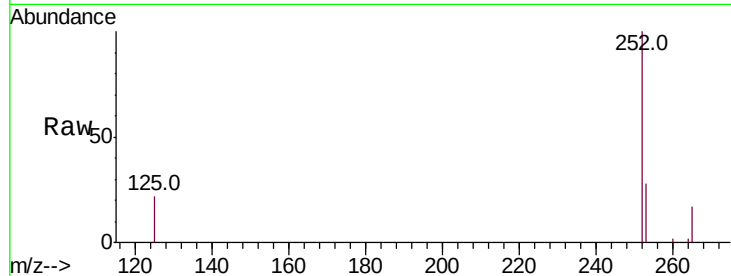
Tot Ion:252 Resp: 28612

Ion Ratio Lower Upper

252 100

253 27.8 18.3 27.5#

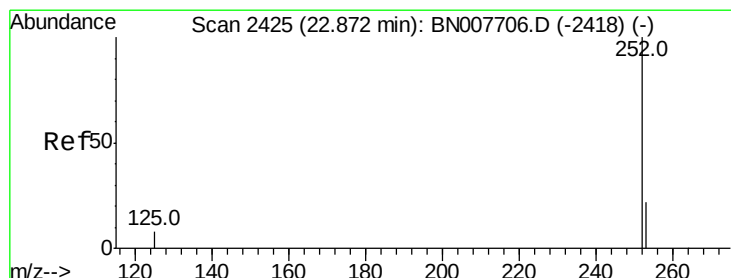
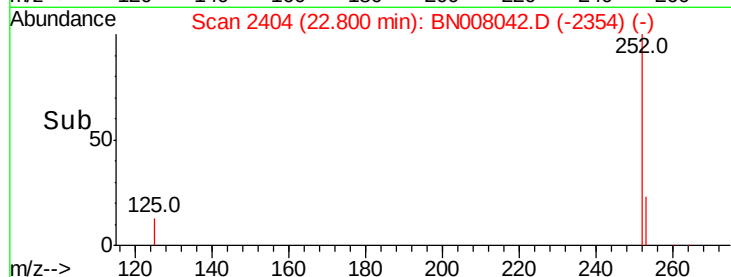
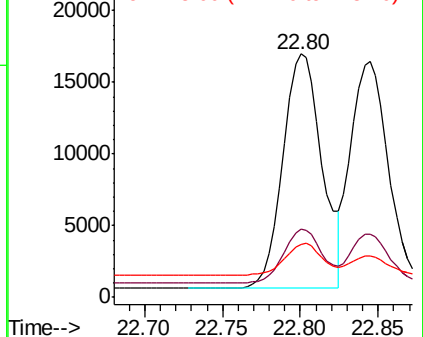
125 21.7 8.2 12.4#



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: 0.382 ng

RT: 22.84 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

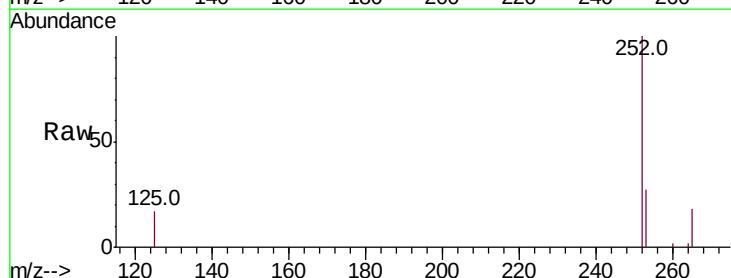
Tgt Ion:252 Resp: 26908

Ion Ratio Lower Upper

252 100

253 27.0 18.5 27.7

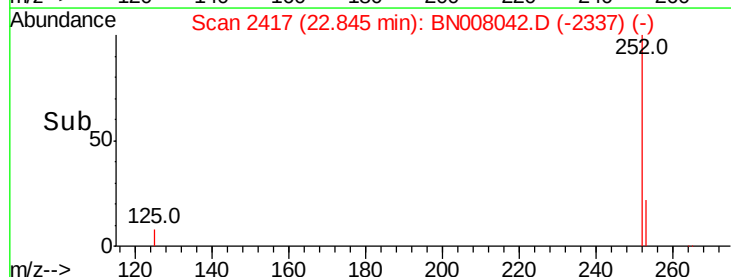
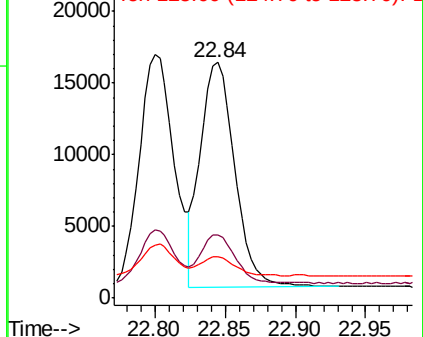
125 17.4 8.4 12.6#

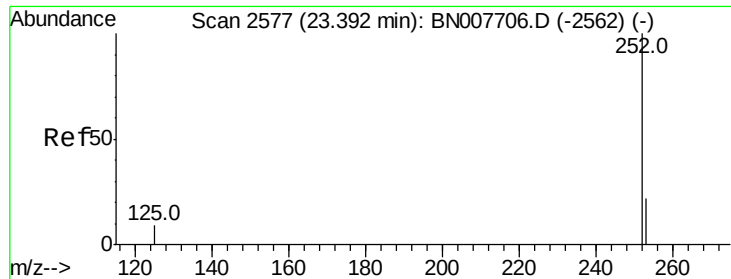


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.399 ng

RT: 23.36 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

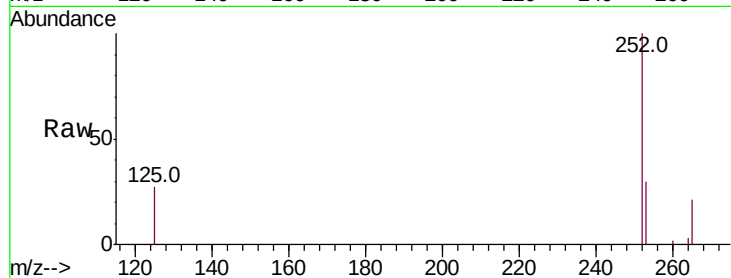
Tot Ion:252 Resp: 26725

Ion Ratio Lower Upper

252 100

253 29.8 18.6 27.8#

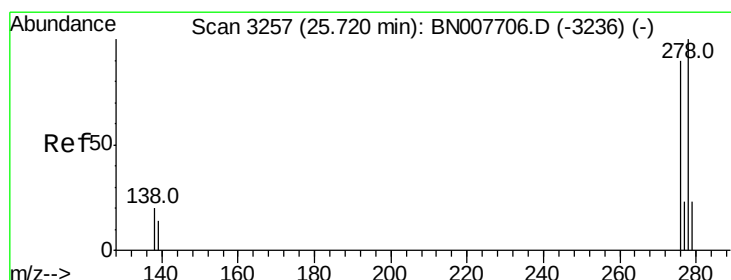
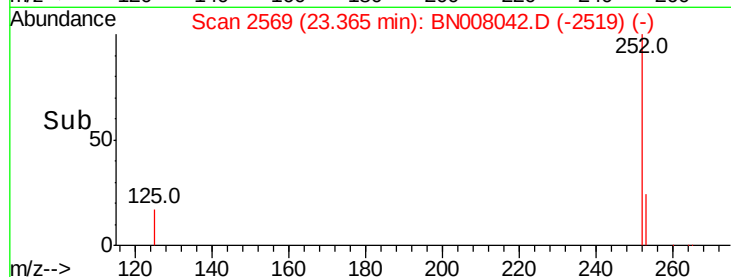
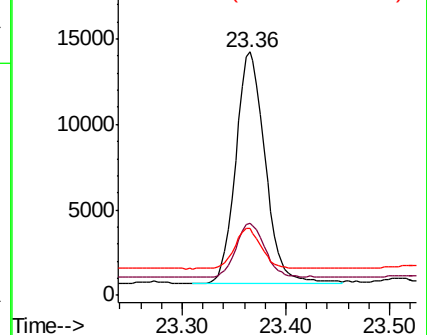
125 27.5 9.4 14.0#



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: 0.394 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.04 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

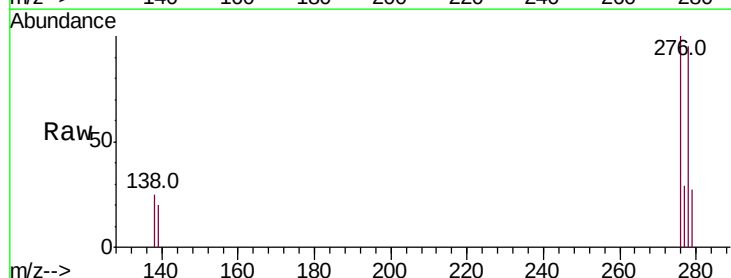
Tgt Ion:278 Resp: 27003

Ion Ratio Lower Upper

278 100

139 20.6 11.8 17.6#

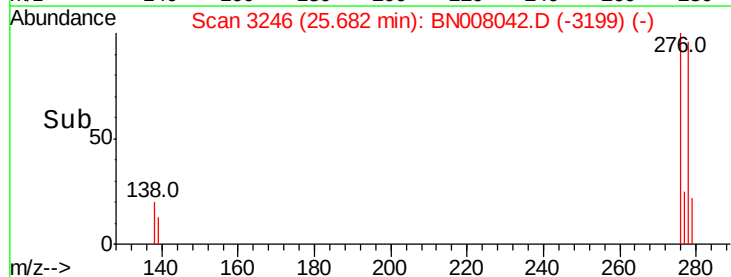
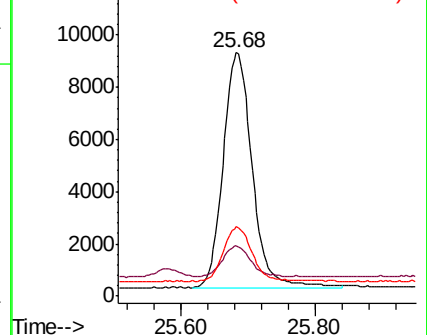
279 28.7 19.4 29.2

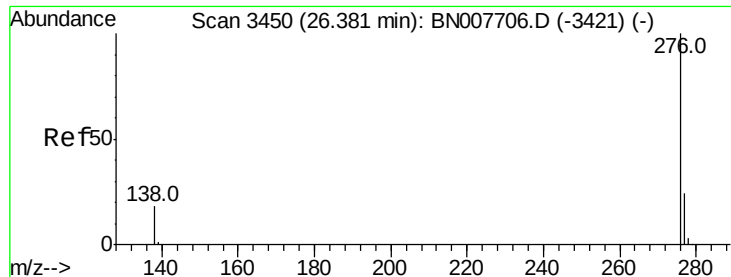


Abundance Ion 278.00 (277.70 to 278.70): E

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: 26.35 min Scan# 3440

Delta R.T. -0.03 min

Lab File: BN008042.D

Acq: 06 Oct 2019 02:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

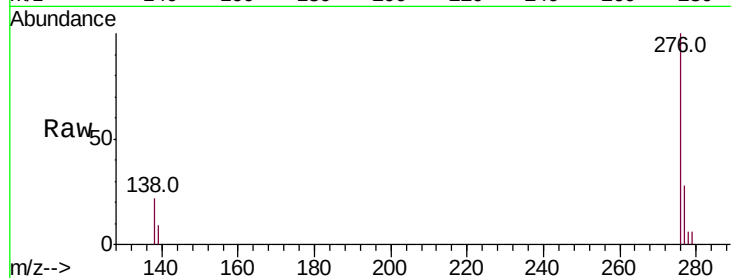
Tot Ion:276 Resp: 27519

Ion Ratio Lower Upper

276 100

277 27.8 19.8 29.8

138 21.9 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

