

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007713.D
 Acq On : 18 Sep 2019 19:41
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 19 07:15:42 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	7.70	152	5423	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	21754	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	13974	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	31265	0.40	ng	0.00
27) Chrysene-d12	21.27	240	34463	0.40	ng	0.00
34) Perylene-d12	23.49	264	37752	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	6299	0.34	ng	0.00
5) Phenol-d6	6.87	99	8274	0.35	ng	0.00
8) Nitrobenzene-d5	8.83	82	8610	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14006	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2336	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	26446	0.46	ng	0.00
25) Fluoranthene-d10	19.10	212	39241	0.37	ng	0.00
29) Terphenyl-d14	19.71	244	42851	0.51	ng	0.00

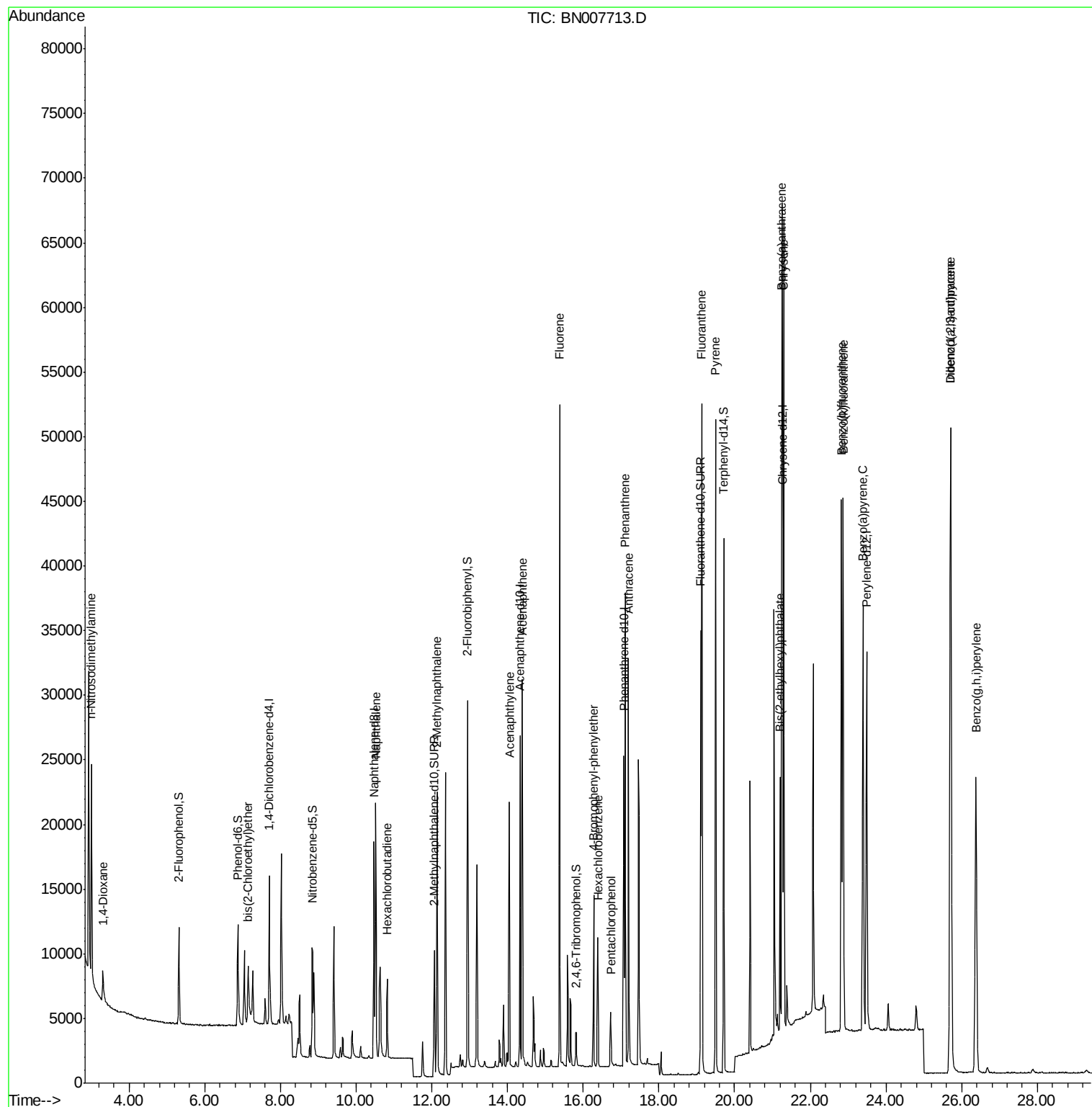
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1971	0.326	ng	# 76
3) n-Nitrosodimethylamine	3.01	42	1751	0.632	ng	# 95
6) bis(2-Chloroethyl)ether	7.15	93	5198	0.339	ng	97
9) Naphthalene	10.52	128	24491	0.401	ng	99
10) Hexachlorobutadiene	10.82	225	5100	0.397	ng	# 99
12) 2-Methylnaphthalene	12.14	142	16336	0.396	ng	99
16) Acenaphthylene	14.05	152	26036	0.351	ng	100
17) Acenaphthene	14.39	154	17152	0.359	ng	98
18) Fluorene	15.37	166	22202	0.363	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	7437	0.392	ng	99
21) Hexachlorobenzene	16.39	284	8447	0.407	ng	99
22) Pentachlorophenol	16.73	266	2454	0.321	ng	98
23) Phenanthrene	17.11	178	38526	0.396	ng	100
24) Anthracene	17.20	178	33166	0.377	ng	100
26) Fluoranthene	19.13	202	46783	0.386	ng	100
28) Pyrene	19.50	202	46890	0.399	ng	100
30) Benzo(a)anthracene	21.25	228	49834	0.393	ng	99
31) Chrysene	21.30	228	48356	0.391	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	20004	0.306	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	59194	0.382	ng	99
35) Benzo(b)fluoranthene	22.82	252	50029	0.382	ng	100
36) Benzo(k)fluoranthene	22.87	252	51995	0.401	ng	99
37) Benzo(a)pyrene	23.39	252	46689	0.379	ng	100
38) Dibenzo(a,h)anthracene	25.72	278	48278	0.383	ng	100
39) Benzo(g,h,i)perylene	26.38	276	47045	0.377	ng	100

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

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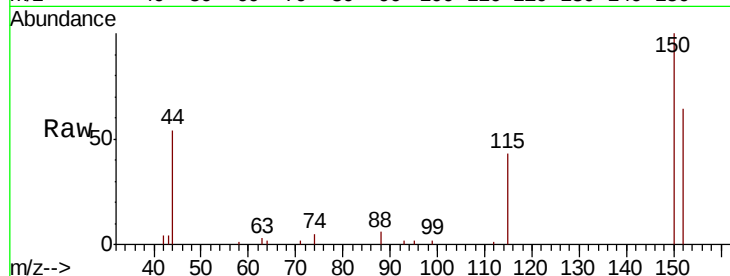


#1

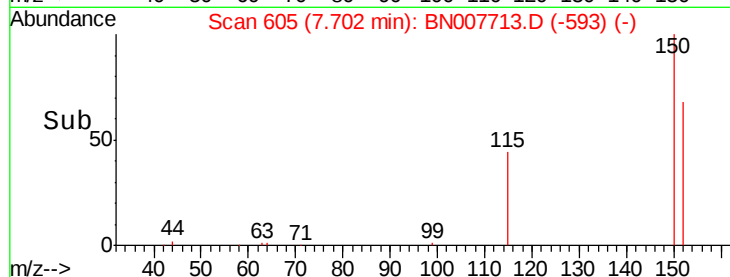
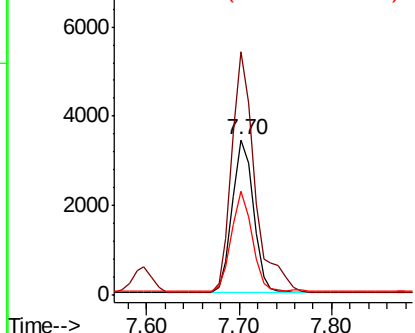
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007713.D
Acq: 18 Sep 2019 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 5423
Ion Ratio Lower Upper
152 100
150 156.5 125.6 188.4
115 66.5 53.3 79.9



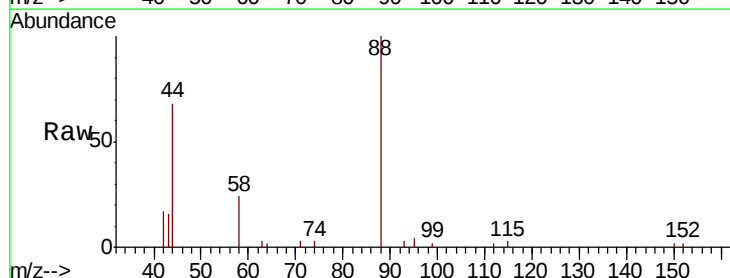
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



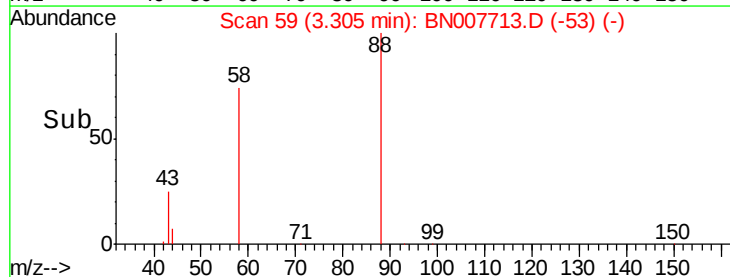
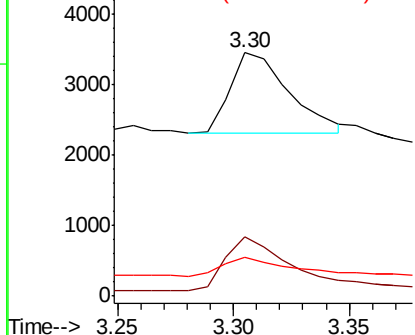
#2

1,4-Dioxane
Concen: 0.326 ng
RT: 3.30 min Scan# 59
Delta R.T. 0.00 min
Lab File: BN007713.D
Acq: 18 Sep 2019 19:41

Tgt Ion: 88 Resp: 1971
Ion Ratio Lower Upper
88 100
58 74.5 44.6 66.8#
43 26.8 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: 0.632 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

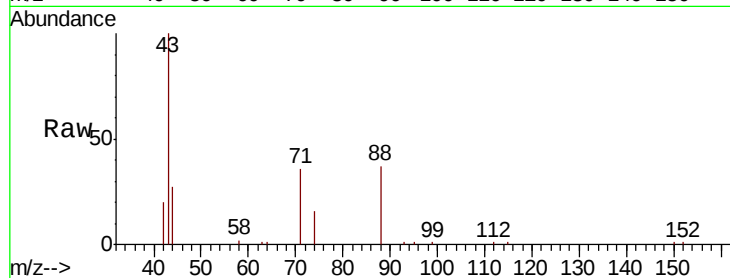
Tot Ion: 42 Resp: 1751

Ion Ratio Lower Upper

42 100

74 110.9 87.9 131.9

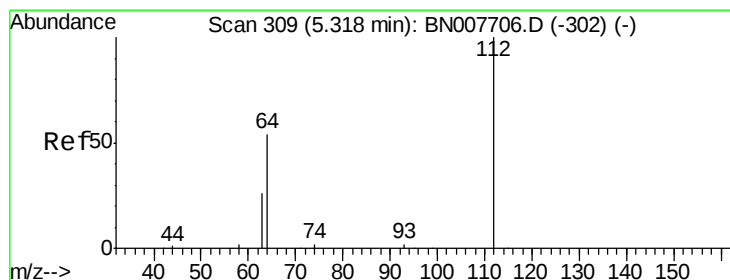
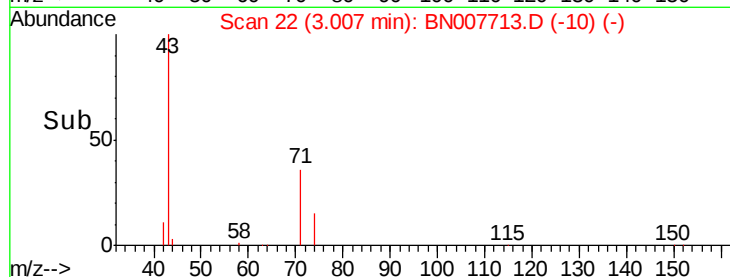
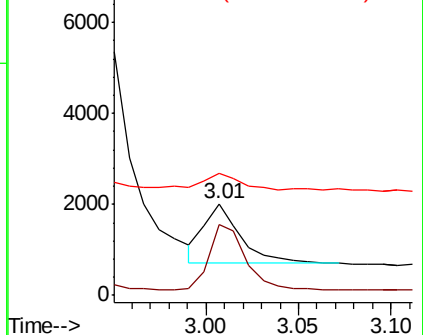
44 26.2 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.337 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

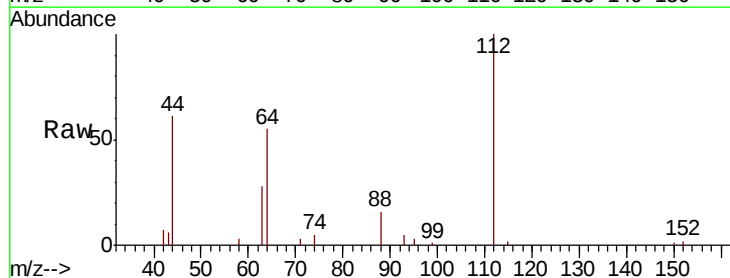
Tgt Ion: 112 Resp: 6299

Ion Ratio Lower Upper

112 100

64 59.7 46.6 70.0

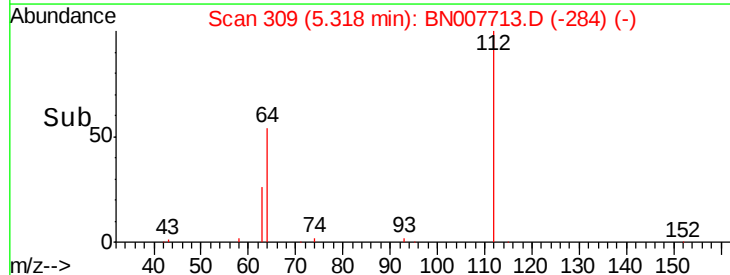
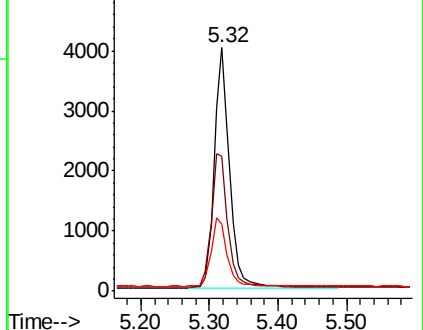
63 29.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.355 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

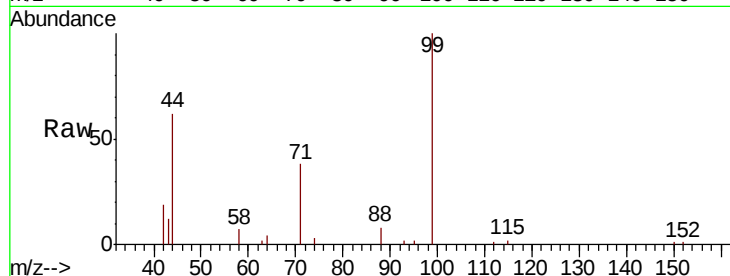
Tot Ion: 99 Resp: 8274

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

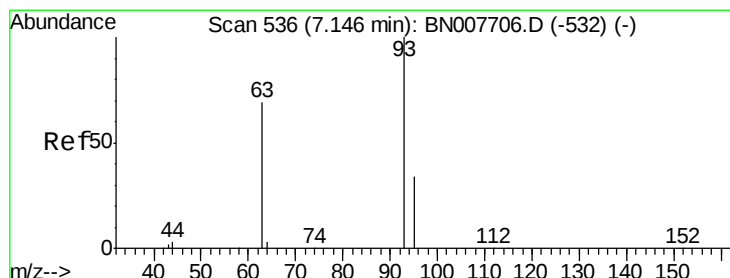
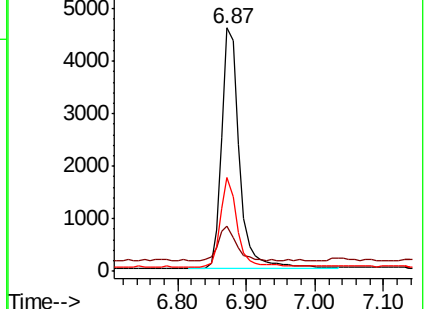
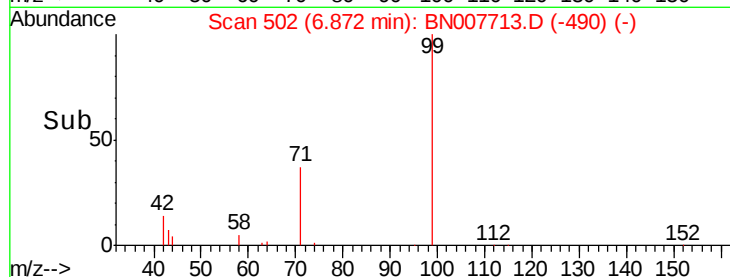
71 34.8 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007713.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007713.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007713.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.339 ng

RT: 7.15 min Scan# 536

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

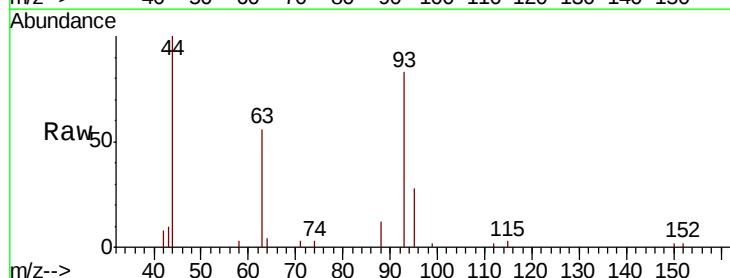
Tgt Ion: 93 Resp: 5198

Ion Ratio Lower Upper

93 100

63 76.1 59.3 88.9

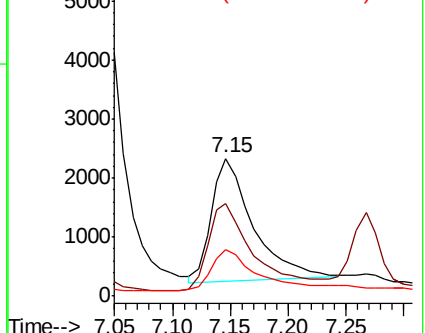
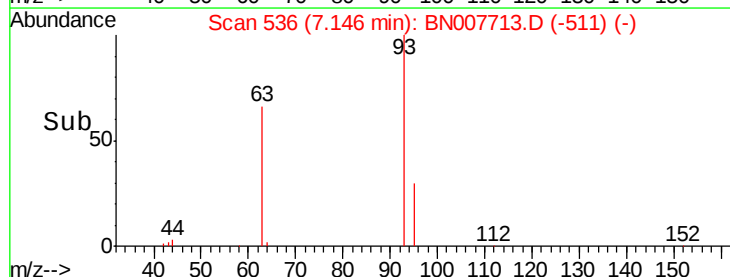
95 36.7 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN007713.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007713.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007713.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 21754

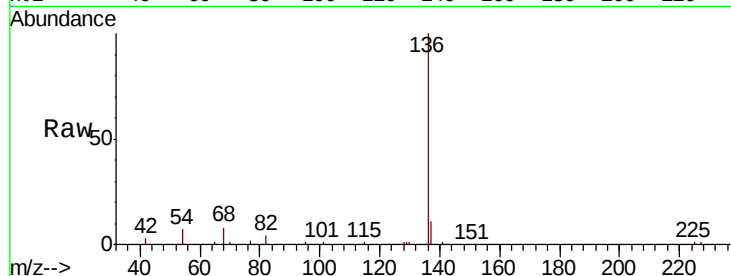
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.9 5.8 8.8

68 7.7 6.5 9.7

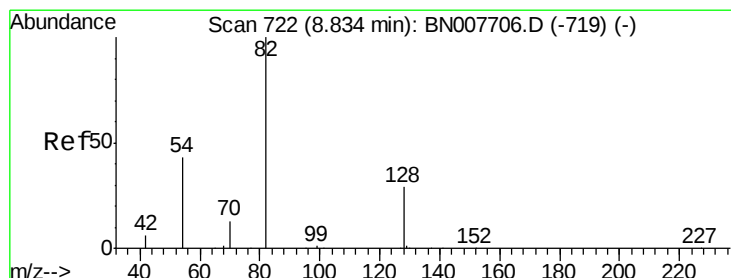
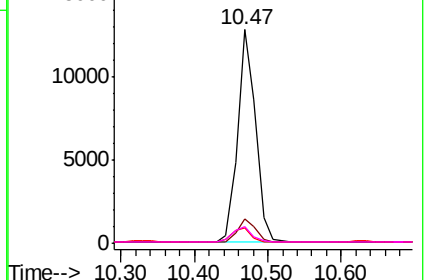
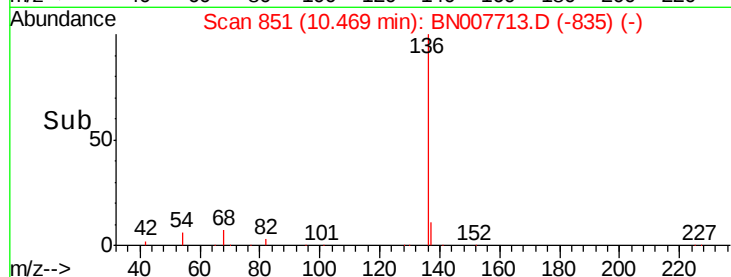


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.452 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

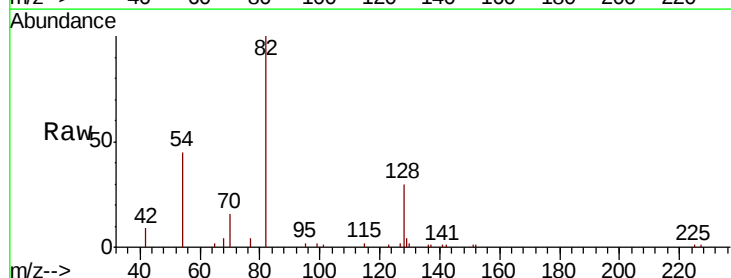
Tgt Ion: 82 Resp: 8610

Ion Ratio Lower Upper

82 100

128 29.9 24.5 36.7

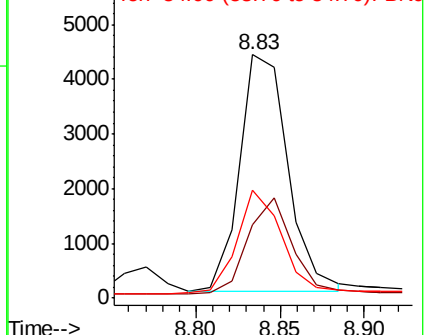
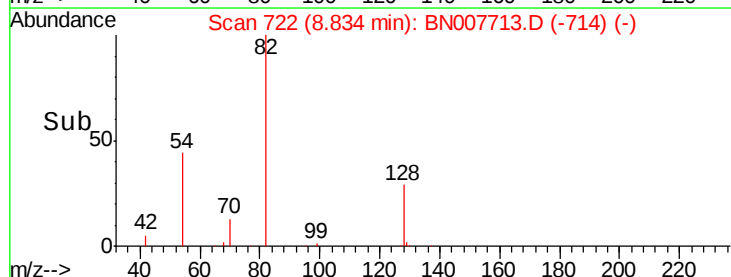
54 44.5 35.2 52.8



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: 0.401 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

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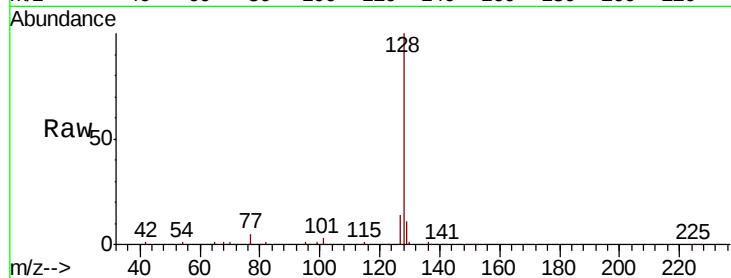
Tot Ion:128 Resp: 24491

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

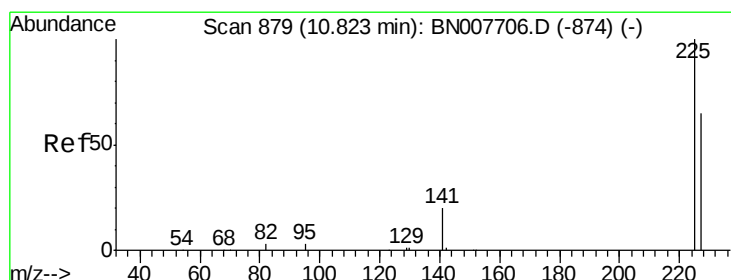
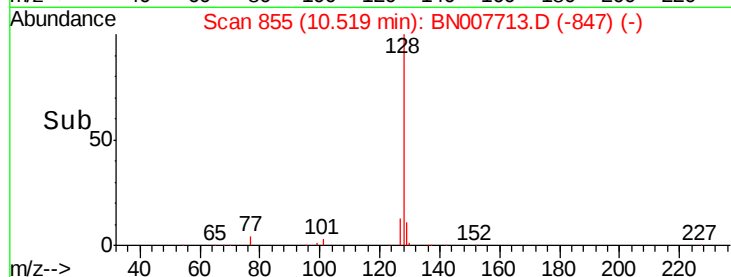
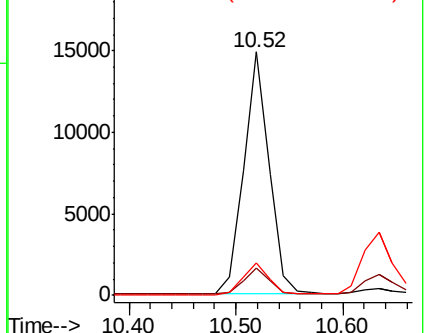
127 13.5 10.6 15.8



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: 0.397 ng

RT: 10.82 min Scan# 879

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

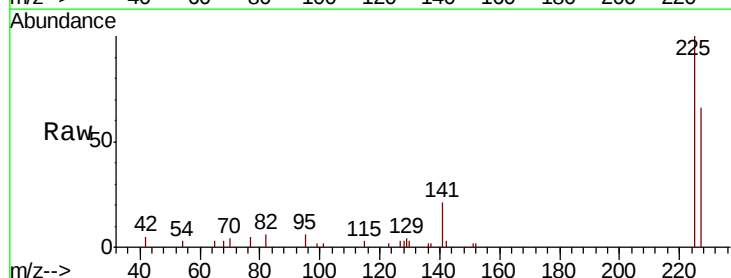
Tgt Ion:225 Resp: 5100

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

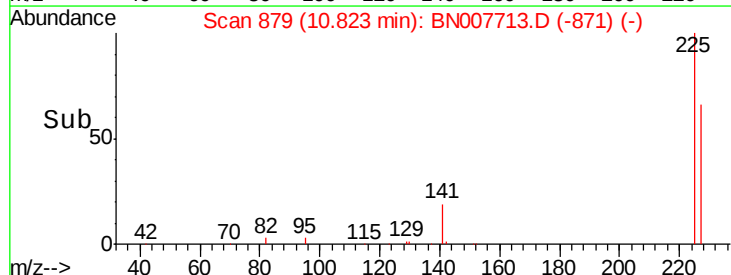
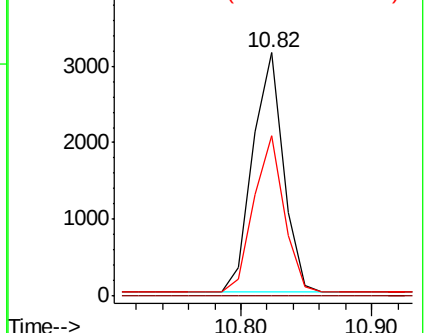
227 64.5 51.2 76.8

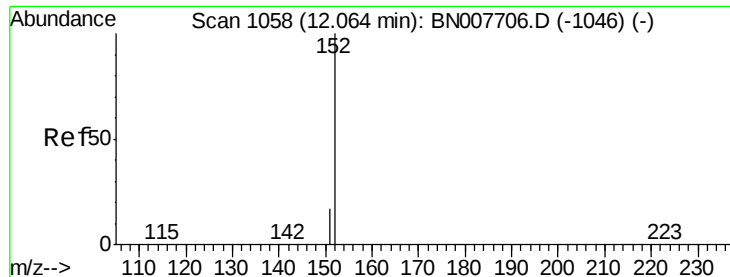


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

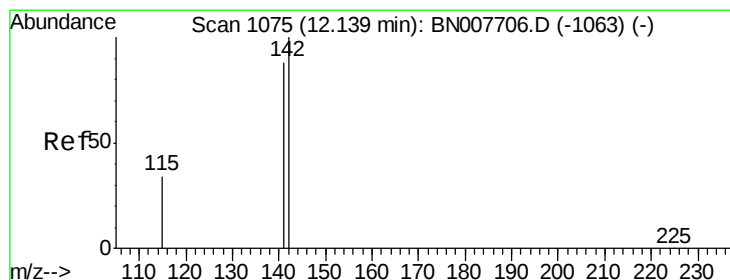
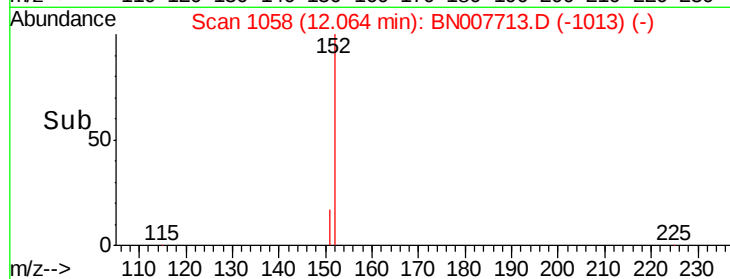
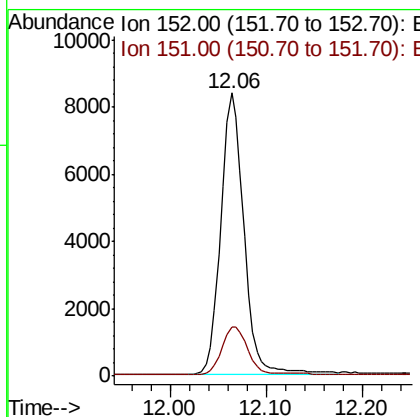
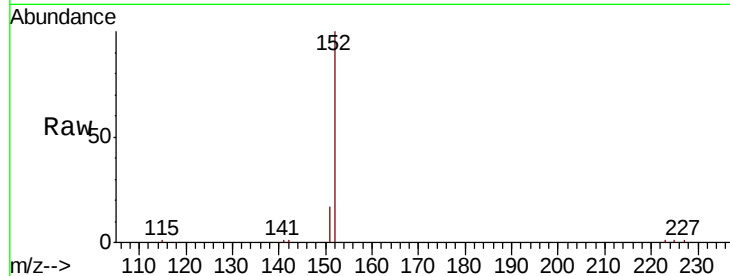




#11
 2-Methylnaphthalene-d10
 Concen: 0.382 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN007713.D
 Acq: 18 Sep 2019 19:41

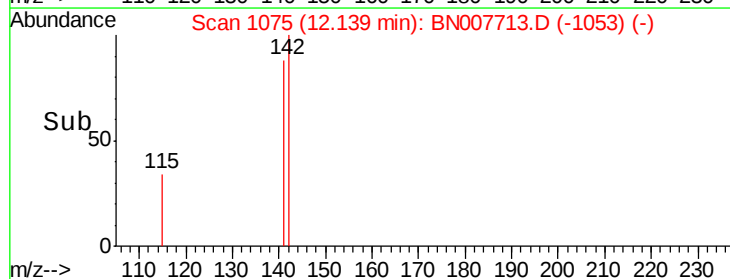
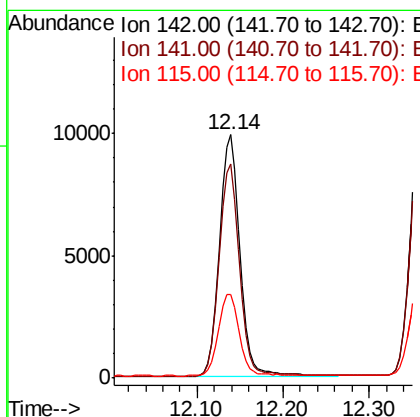
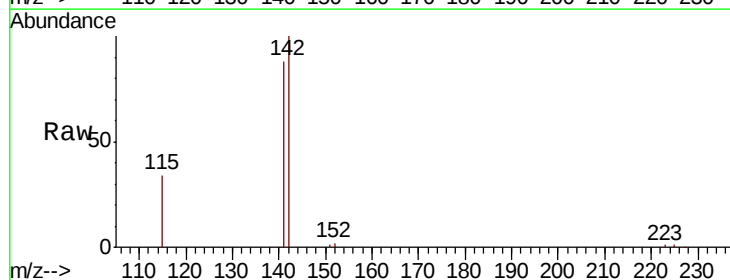
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:152 Resp: 14006
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.396 ng
 RT: 12.14 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BN007713.D
 Acq: 18 Sep 2019 19:41

Tgt Ion:142 Resp: 16336
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.6 106.0
 115 34.4 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampled :

SSTDCCC0.4

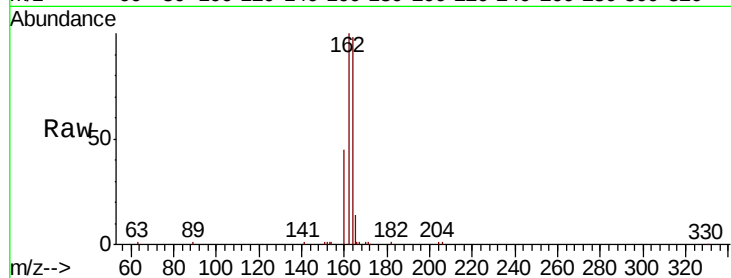
Tot Ion:164 Resp: 13974

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

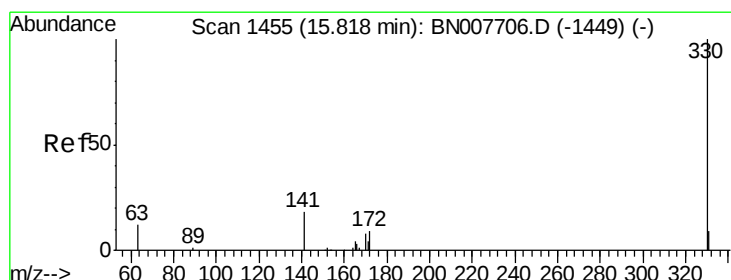
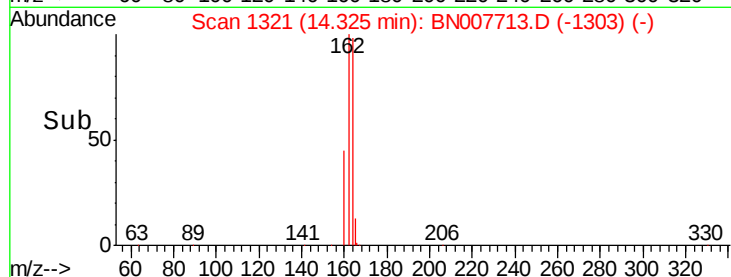
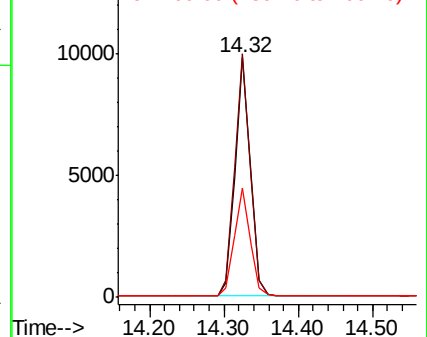
160 45.6 37.0 55.4



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: 0.307 ng

RT: 15.82 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

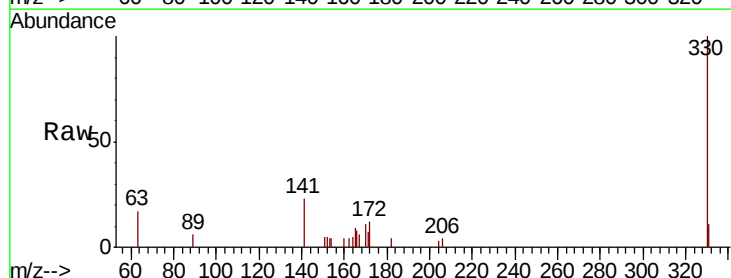
Tgt Ion:330 Resp: 2336

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

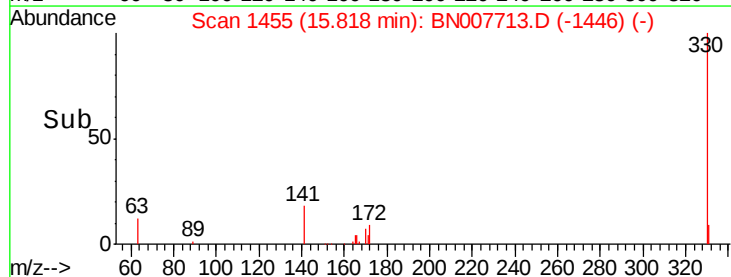
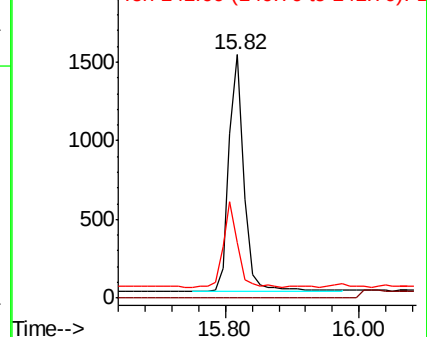
141 34.7 28.7 43.1



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

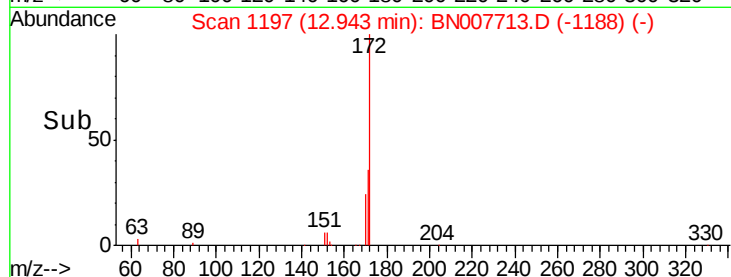
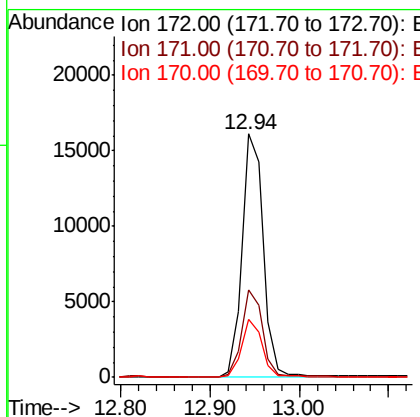
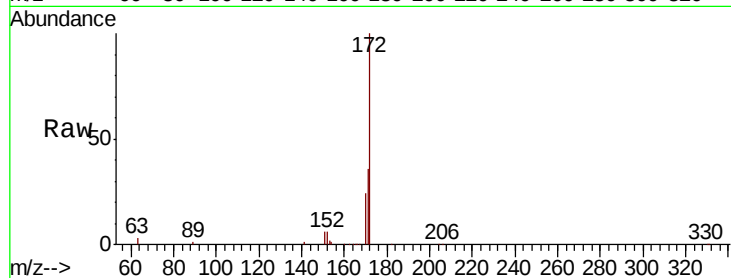




#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007713.D
Acq: 18 Sep 2019 19:41

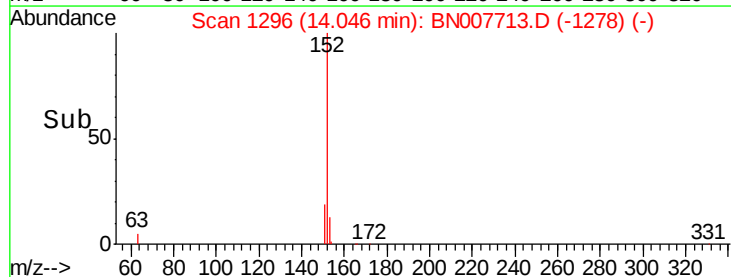
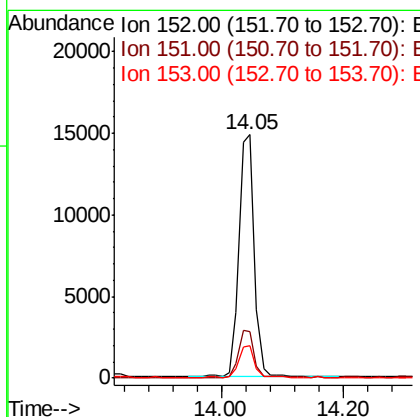
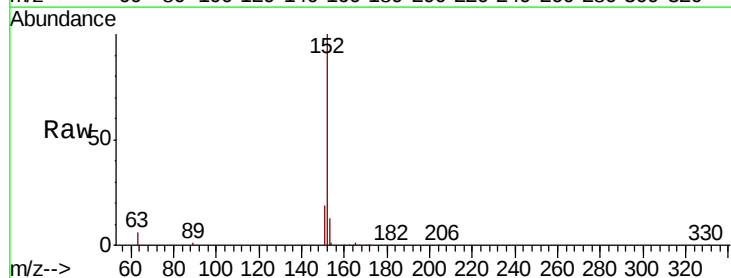
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 26446
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 19.5 29.3



#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007713.D
Acq: 18 Sep 2019 19:41

Tgt Ion:152 Resp: 26036
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.39 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

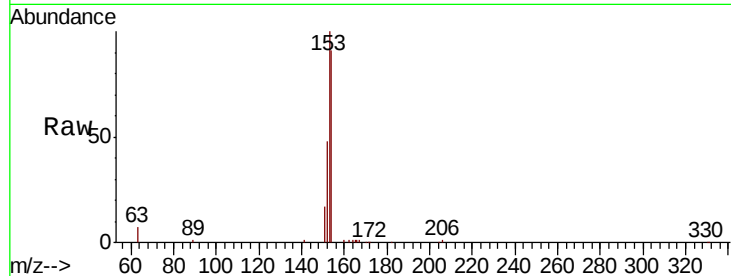
Tot Ion:154 Resp: 17152

Ion Ratio Lower Upper

154 100

153 110.4 87.0 130.4

152 54.4 42.7 64.1

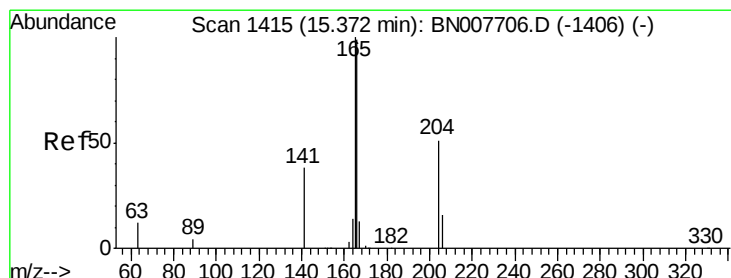
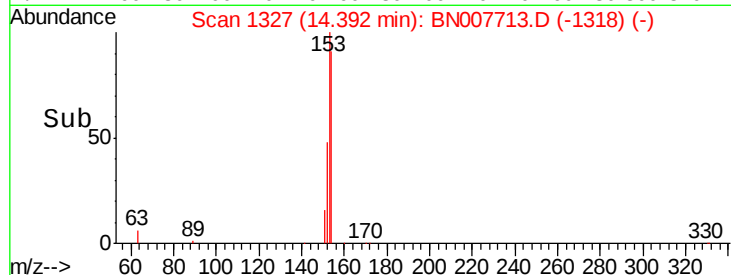
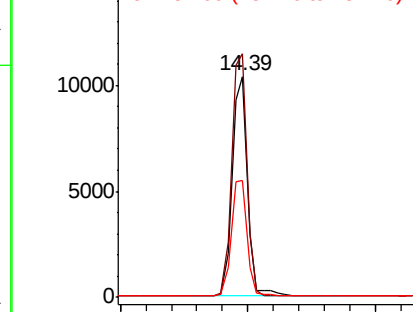


Abundance

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: 0.363 ng

RT: 15.37 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

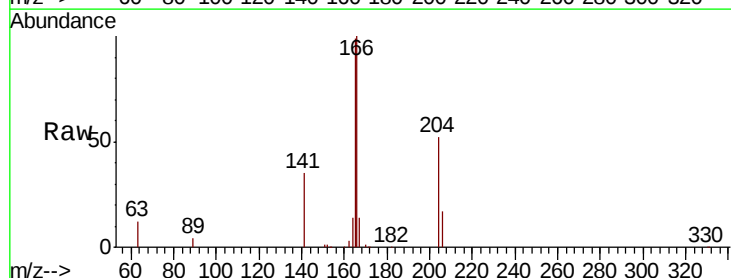
Tgt Ion:166 Resp: 22202

Ion Ratio Lower Upper

166 100

165 97.6 78.0 117.0

167 13.6 10.9 16.3

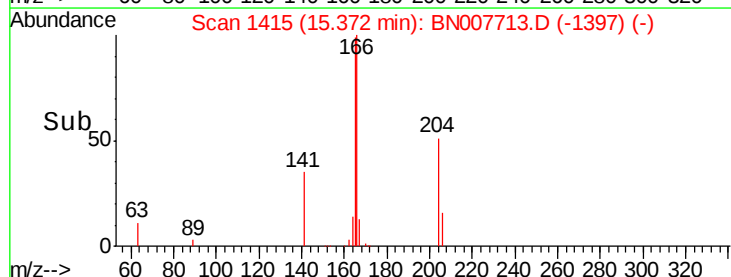
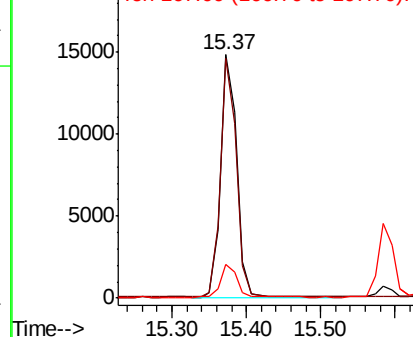


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

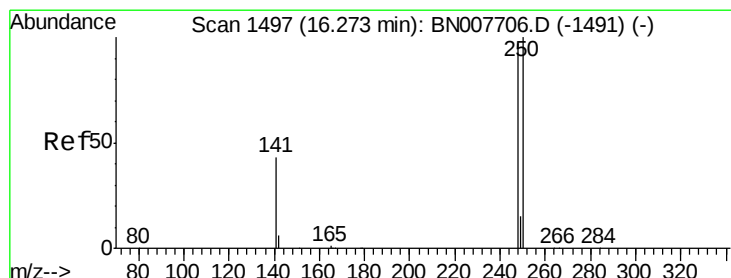
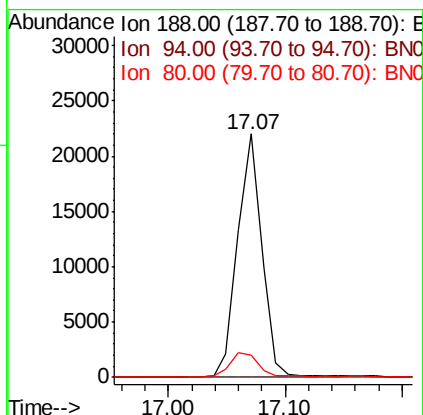
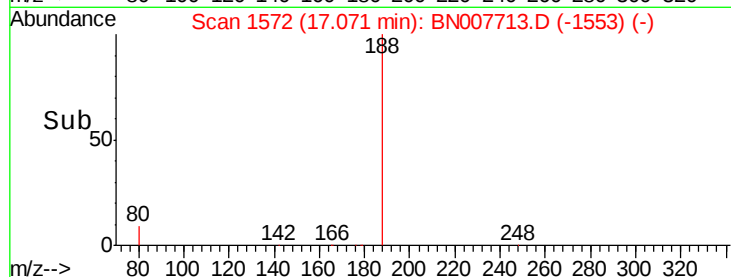
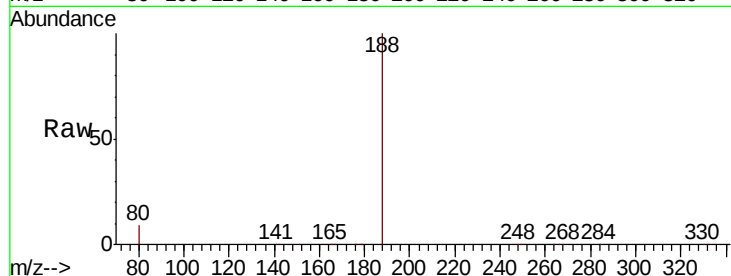
Tot Ion:188 Resp: 31265

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.392 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

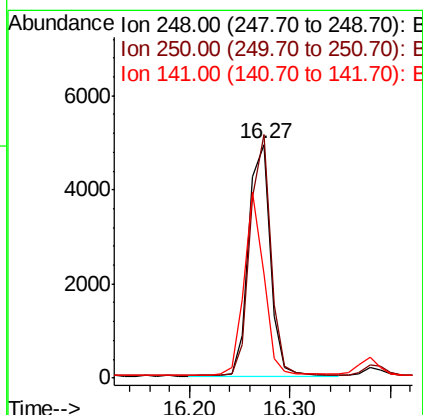
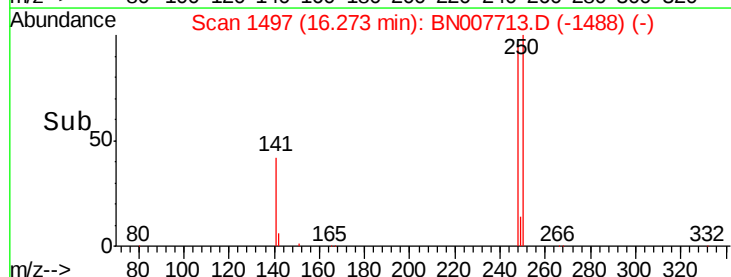
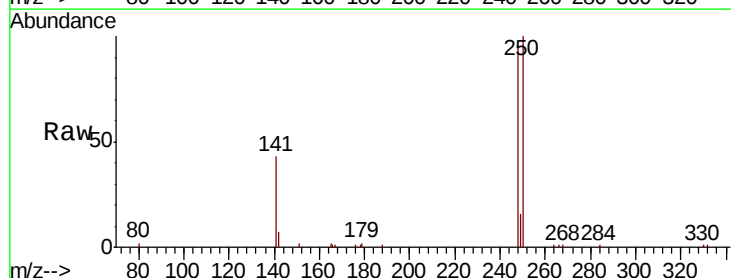
Tgt Ion:248 Resp: 7437

Ion Ratio Lower Upper

248 100

250 104.1 82.2 123.4

141 44.5 36.3 54.5





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.39 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

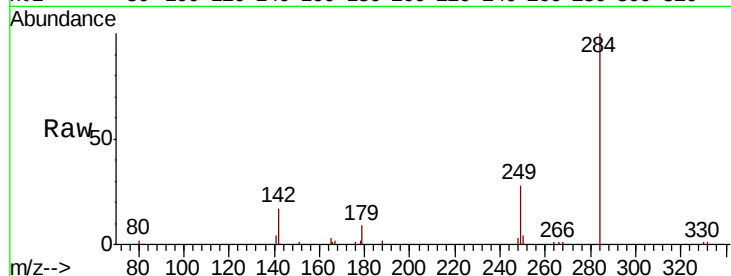
Tot Ion:284 Resp: 8447

Ion Ratio Lower Upper

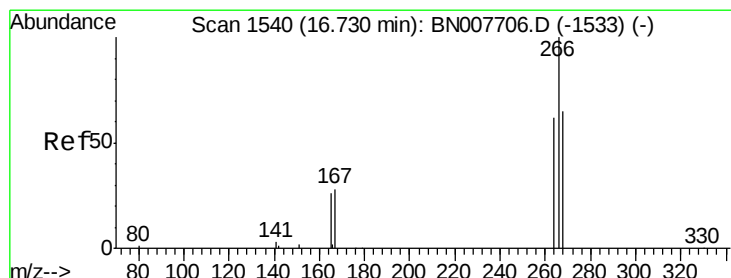
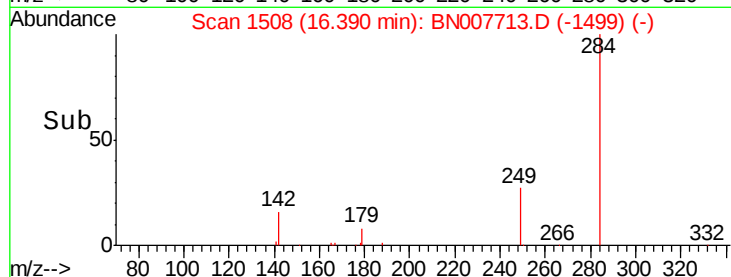
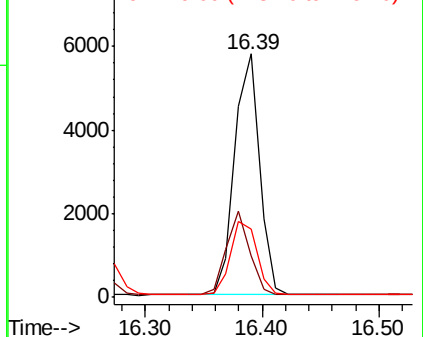
284 100

142 32.8 25.8 38.6

249 32.1 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: 0.321 ng

RT: 16.73 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

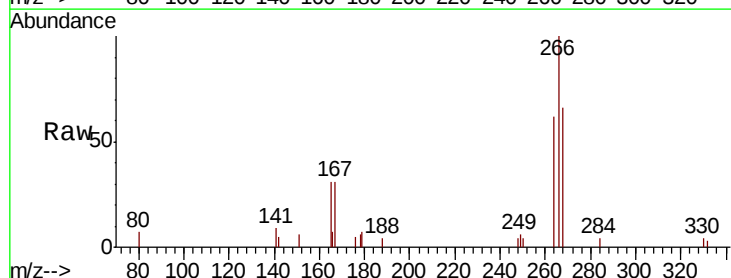
Tgt Ion:266 Resp: 2454

Ion Ratio Lower Upper

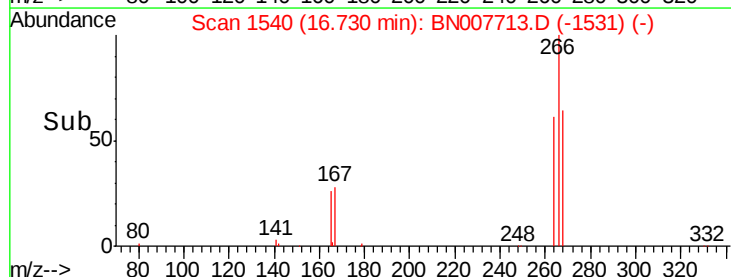
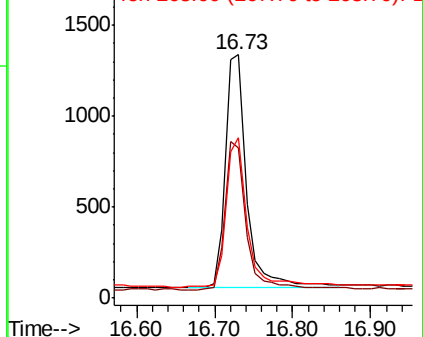
266 100

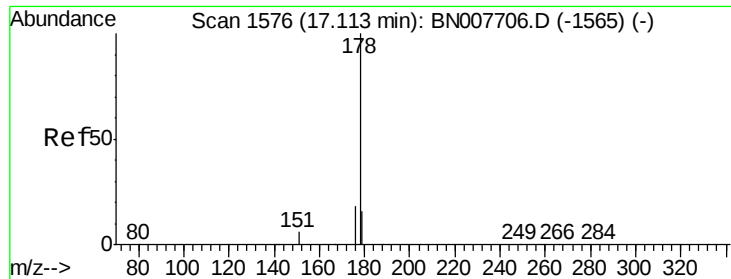
264 61.6 50.0 75.0

268 66.1 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: 0.396 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

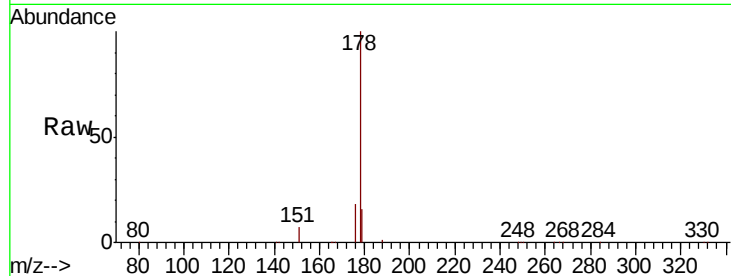
Tot Ion:178 Resp: 38526

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

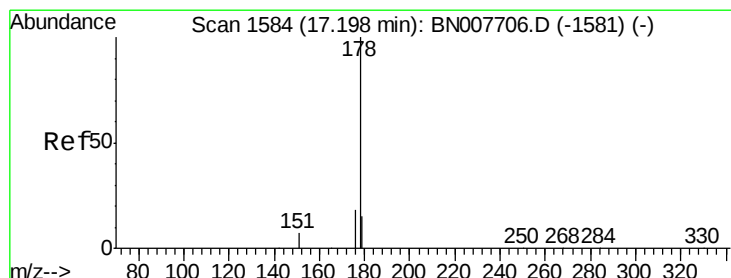
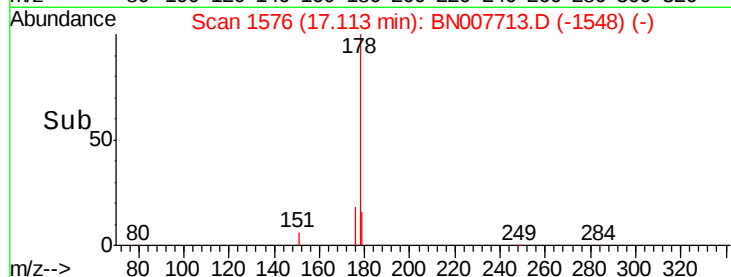
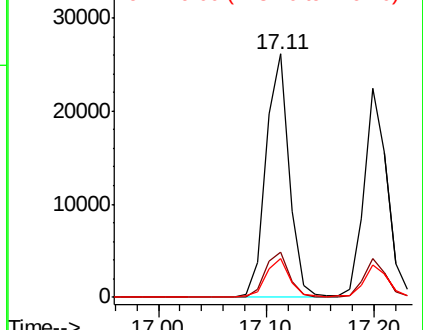
179 15.6 12.5 18.7



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: 0.377 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

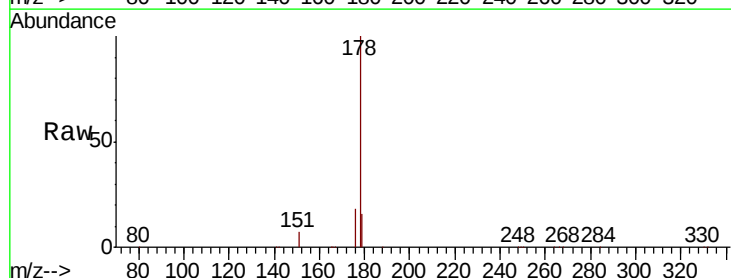
Tgt Ion:178 Resp: 33166

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

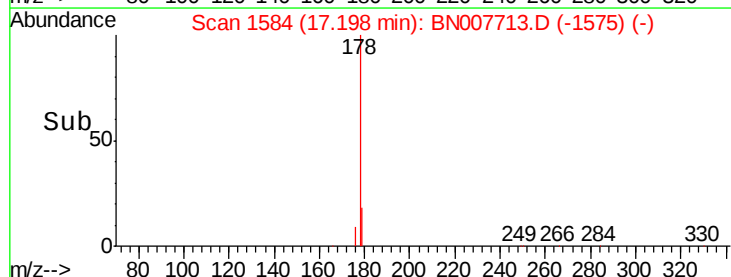
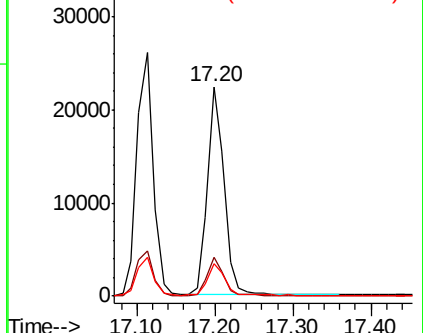
179 15.6 12.2 18.4

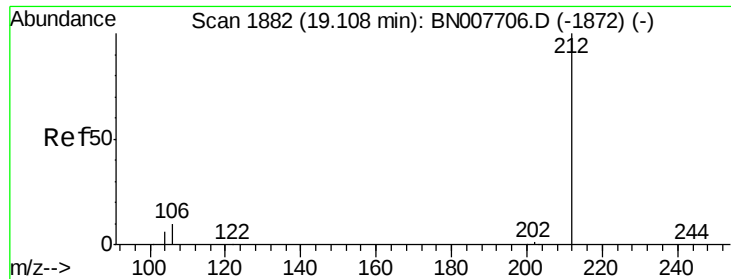


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

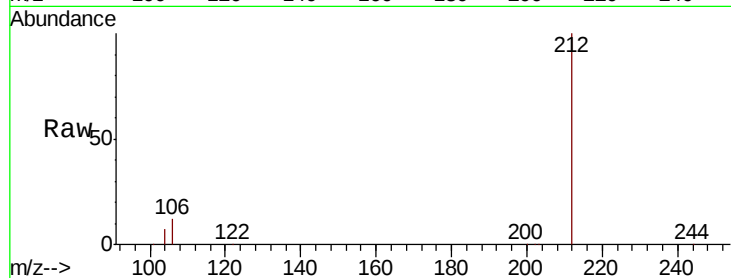




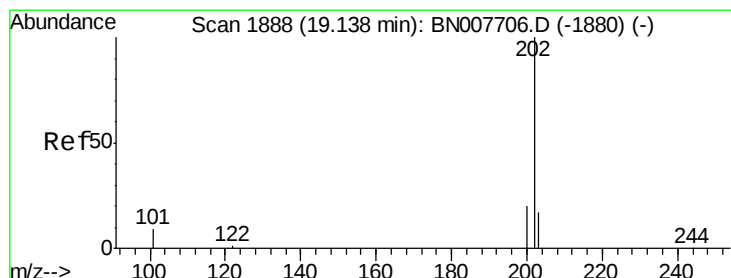
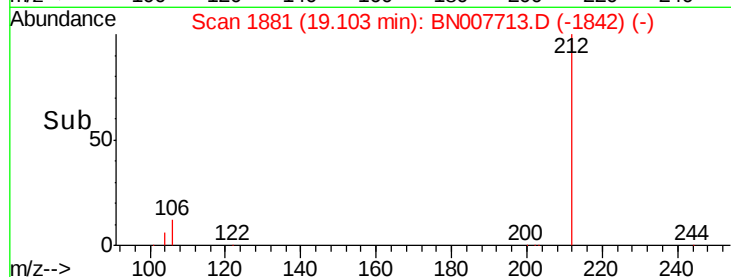
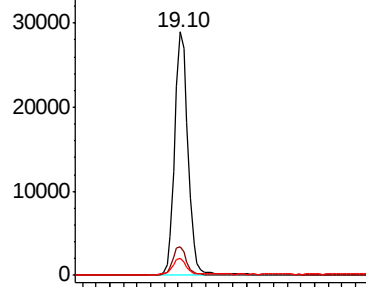
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BN007713.D
Acq: 18 Sep 2019 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:212 Resp: 39241
Ion Ratio Lower Upper
212 100
106 11.5 9.4 14.0
104 6.7 5.3 7.9

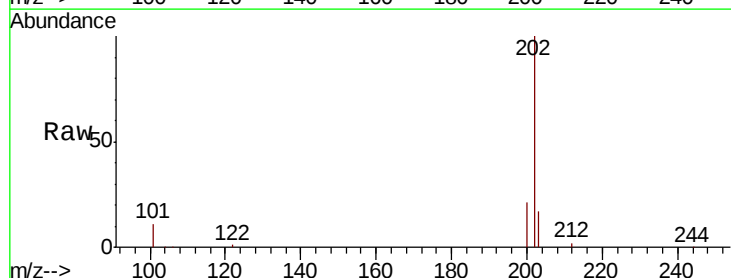


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

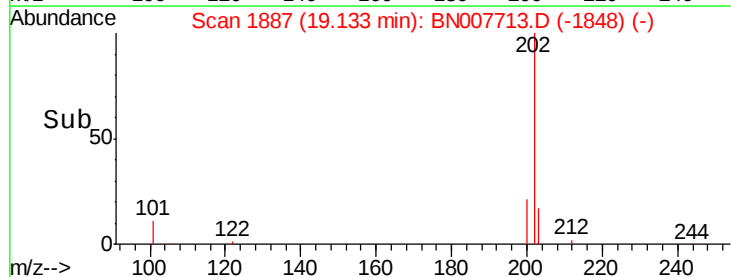
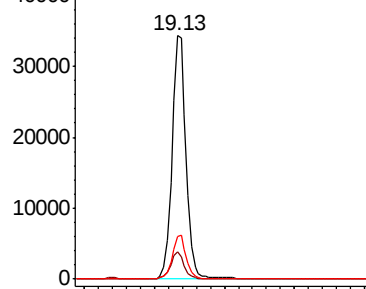


#26
Fluoranthene
Concen: 0.386 ng
RT: 19.13 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BN007713.D
Acq: 18 Sep 2019 19:41

Tgt Ion:202 Resp: 46783
Ion Ratio Lower Upper
202 100
101 10.7 8.4 12.6
203 17.3 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: 21.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

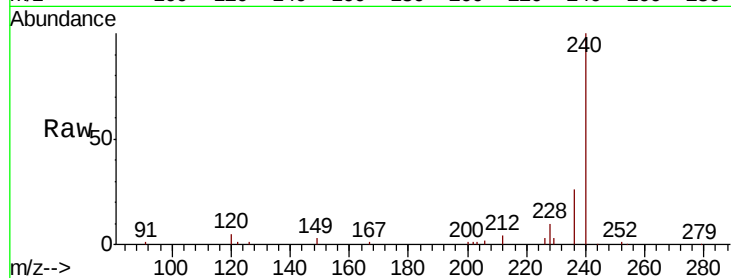
Tot Ion:240 Resp: 34463

Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.2#

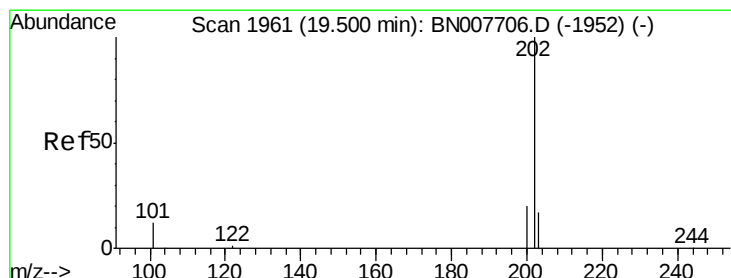
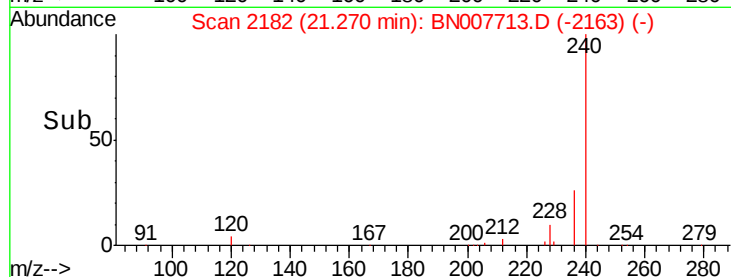
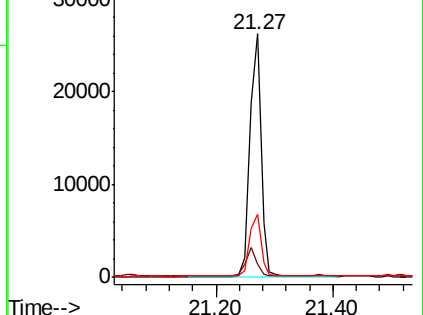
236 25.9 21.0 31.4



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: 0.399 ng

RT: 19.50 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

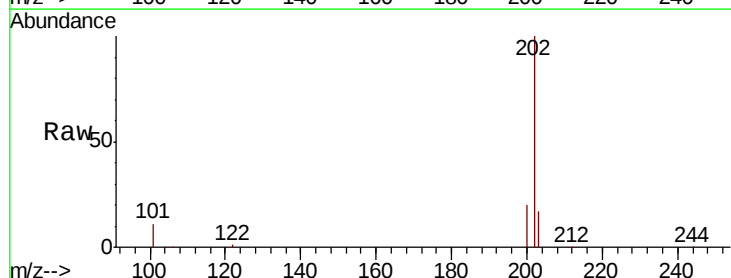
Tgt Ion:202 Resp: 46890

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

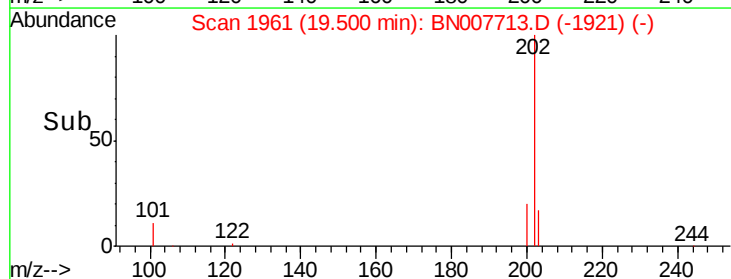
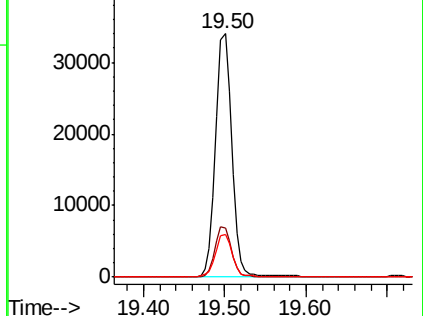
203 17.4 14.1 21.1

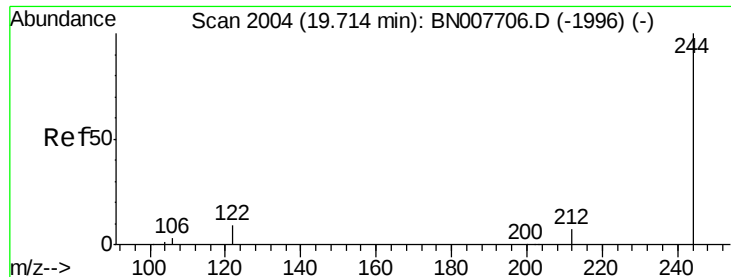


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.506 ng

RT: 19.71 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

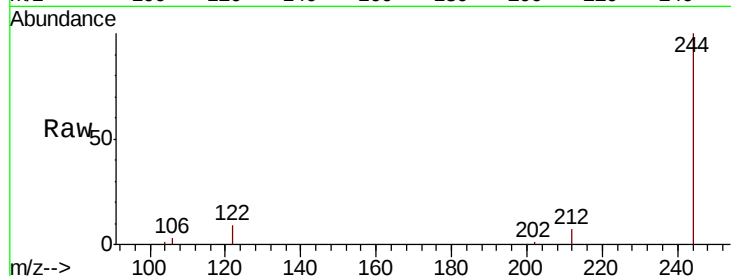
Tot Ion:244 Resp: 42851

Ion Ratio Lower Upper

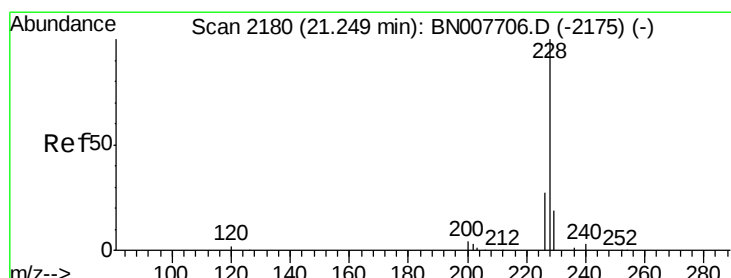
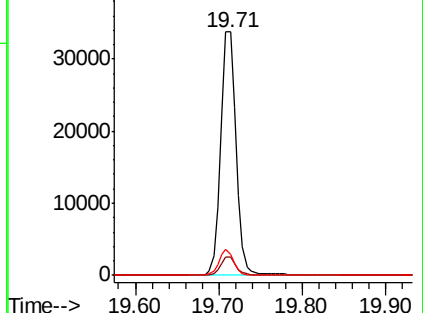
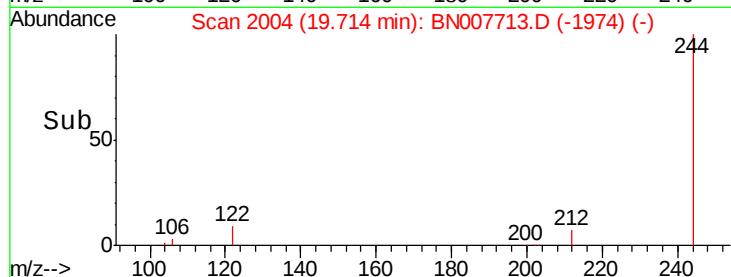
244 100

212 7.3 5.9 8.9

122 8.8 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: 0.393 ng

RT: 21.25 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

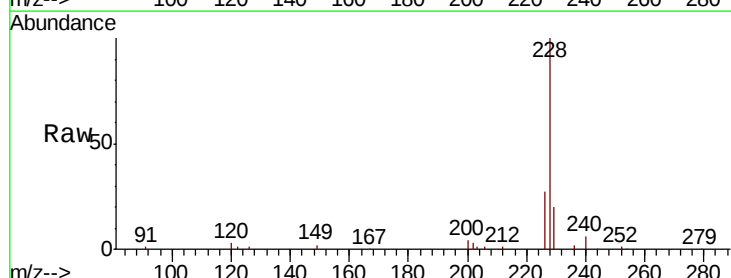
Tgt Ion:228 Resp: 49834

Ion Ratio Lower Upper

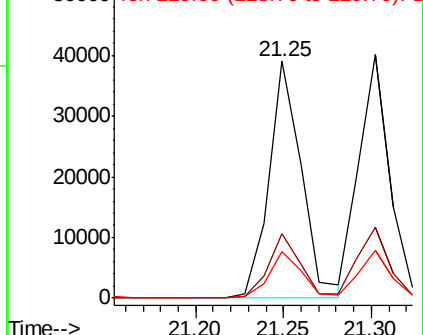
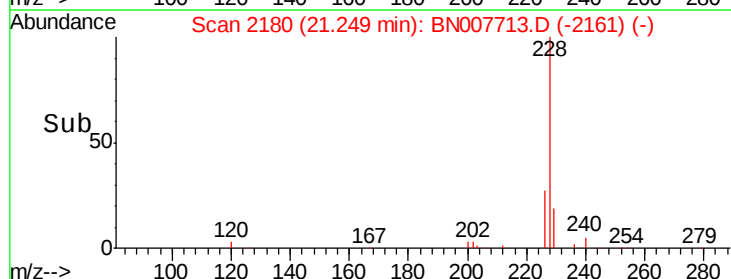
228 100

226 27.1 22.1 33.1

229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.30 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

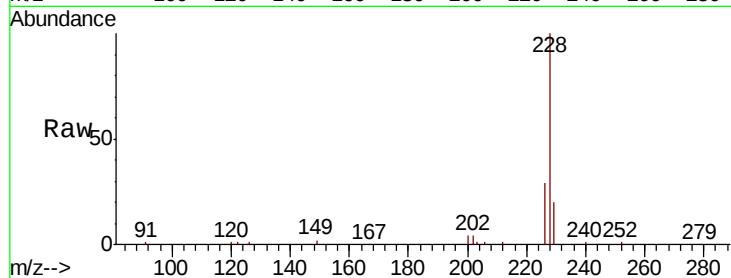
Tot Ion:228 Resp: 48356

Ion Ratio Lower Upper

228 100

226 29.0 23.9 35.9

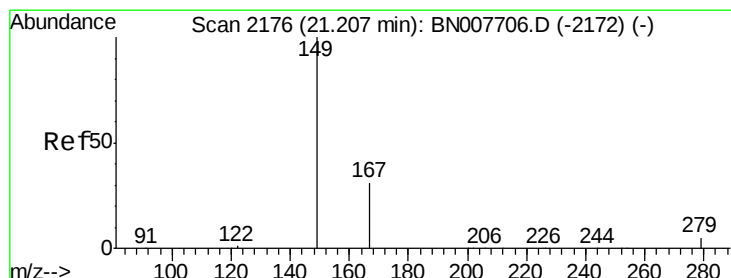
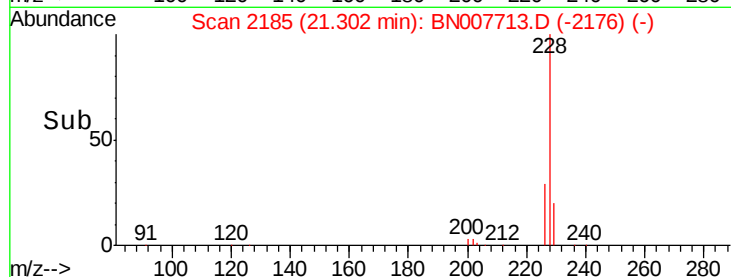
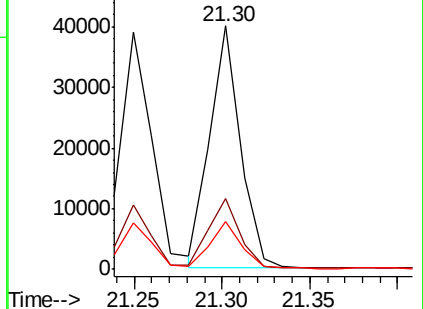
229 19.8 15.8 23.6



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: 0.306 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

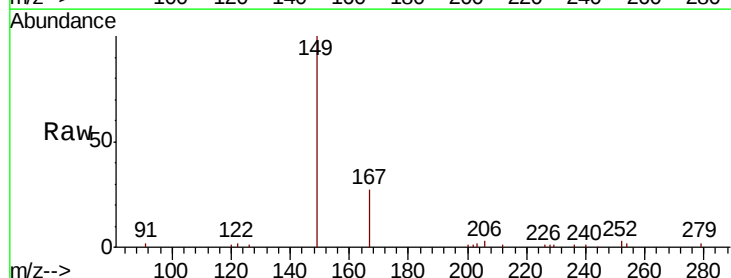
Tgt Ion:149 Resp: 20004

Ion Ratio Lower Upper

149 100

167 29.2 23.7 35.5

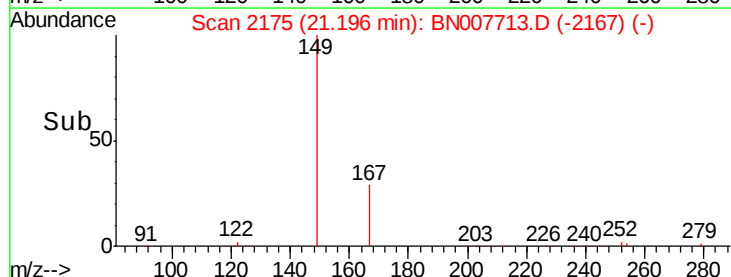
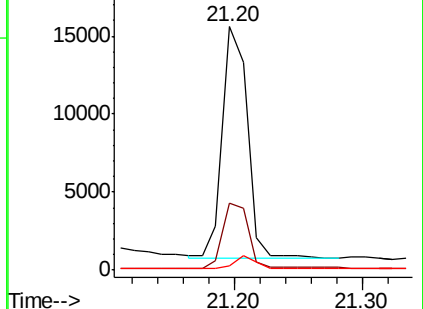
279 4.9 4.2 6.2



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: 0.382 ng

RT: 25.70 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

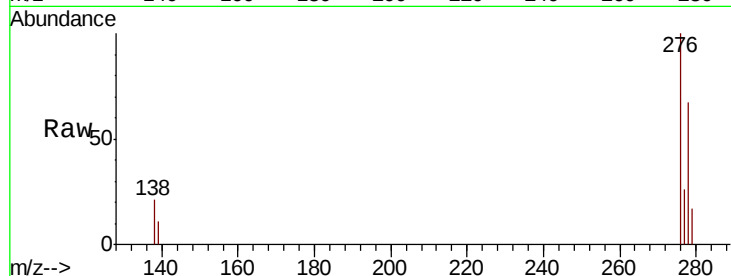
Tot Ion:276 Resp: 59194

Ion Ratio Lower Upper

276 100

138 22.4 17.1 25.7

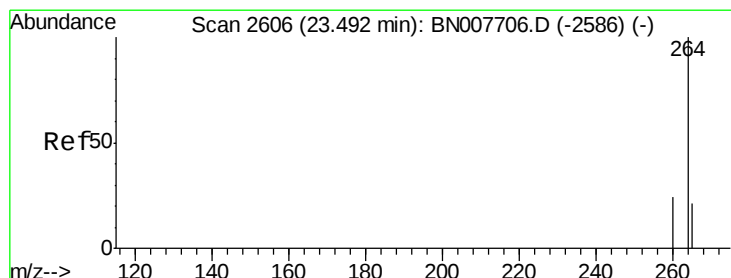
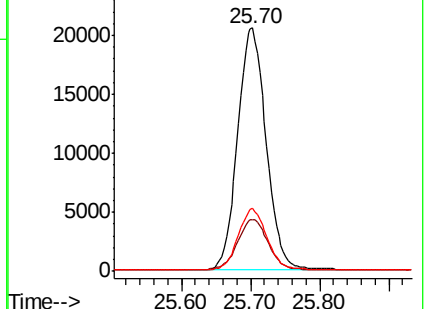
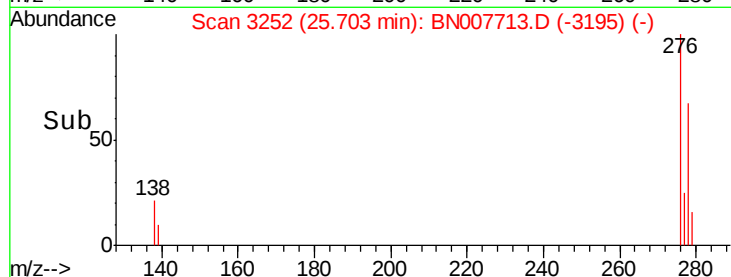
277 25.2 20.0 30.0



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: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

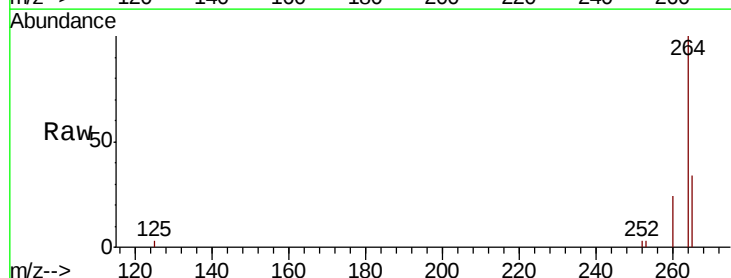
Tgt Ion:264 Resp: 37752

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

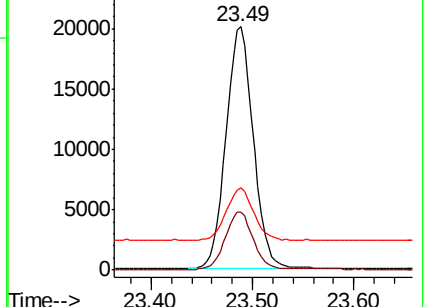
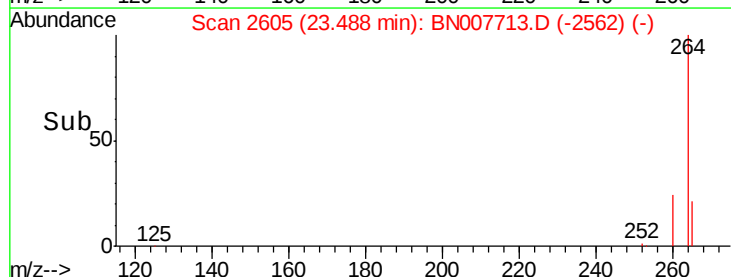
265 33.6 26.9 40.3



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

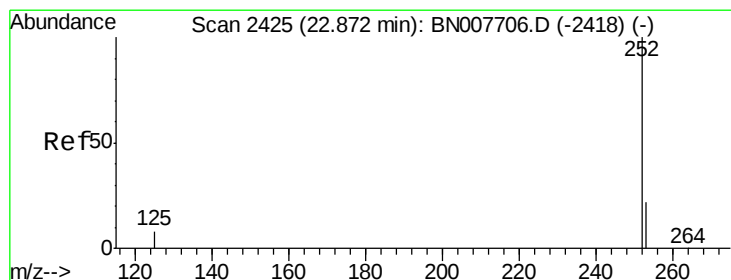
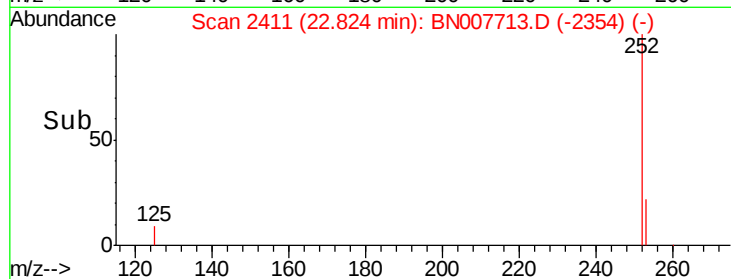
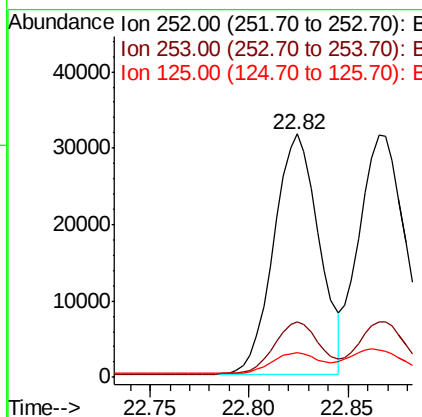
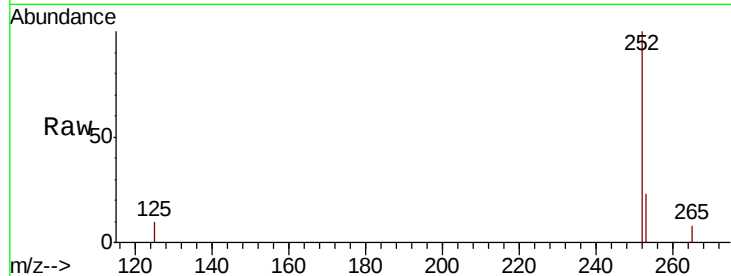




#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.82 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BN007713.D
Acq: 18 Sep 2019 19:41

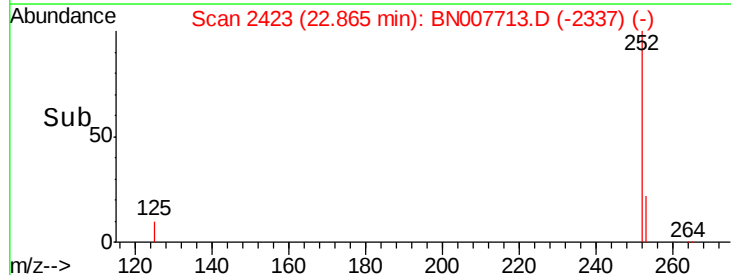
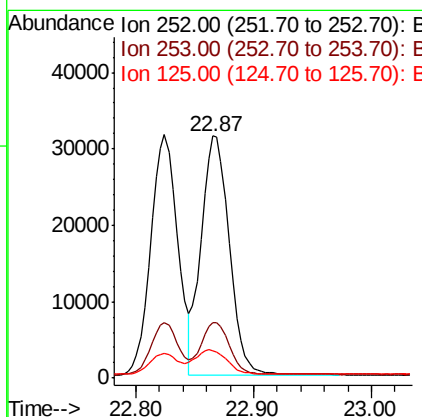
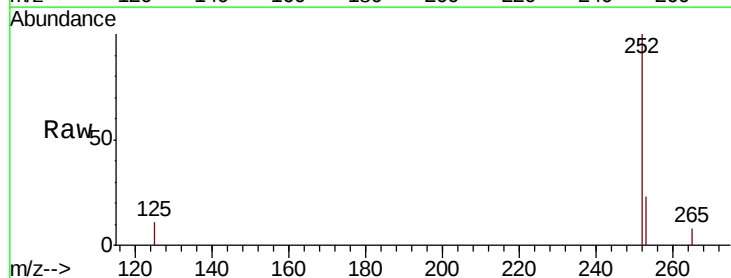
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 50029
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.3 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.87 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BN007713.D
Acq: 18 Sep 2019 19:41

Tgt Ion:252 Resp: 51995
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 11.5 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.39 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

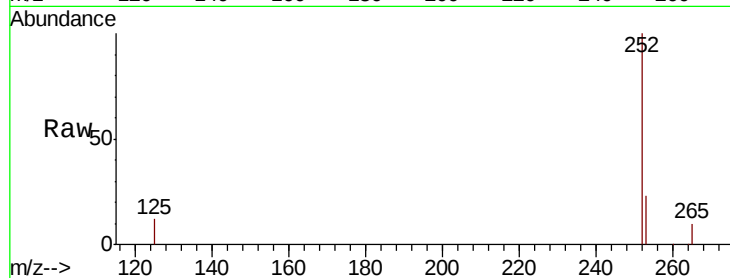
Tot Ion:252 Resp: 46689

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

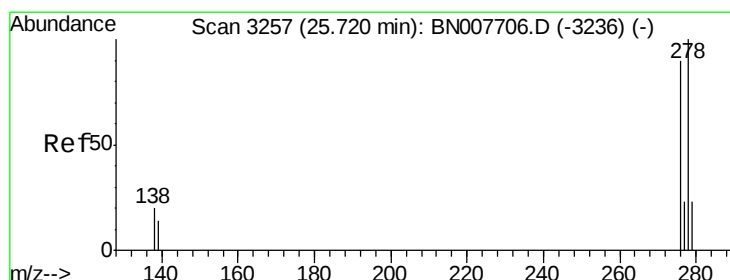
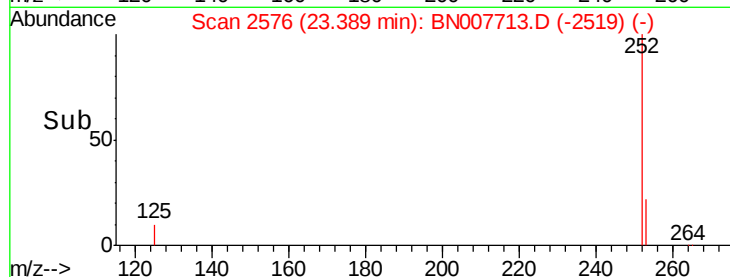
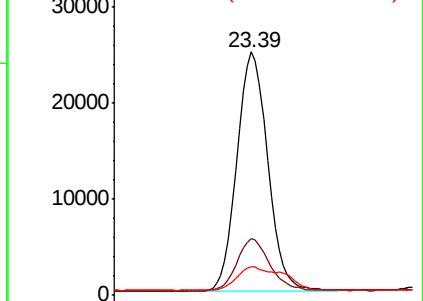
125 11.6 9.4 14.0



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: 0.383 ng

RT: 25.72 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

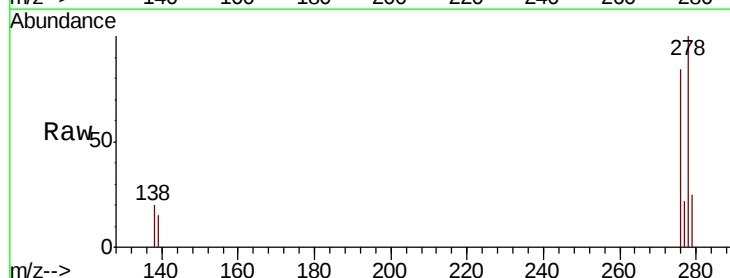
Tgt Ion:278 Resp: 48278

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.6

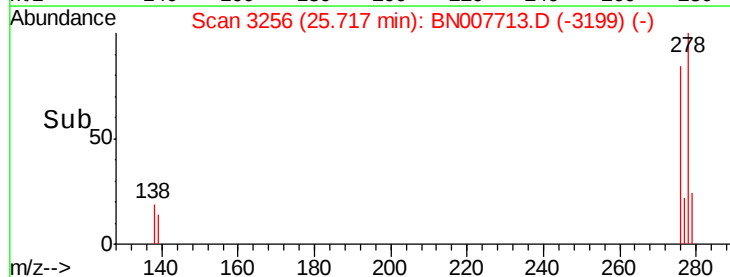
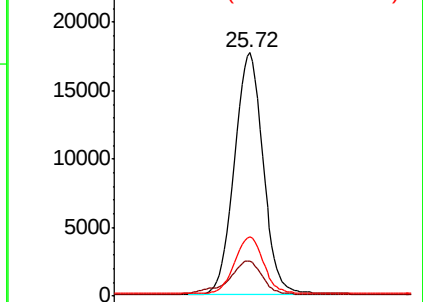
279 24.6 19.4 29.2



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: 0.377 ng

RT: 26.38 min Scan# 3449

Delta R.T. -0.00 min

Lab File: BN007713.D

Acq: 18 Sep 2019 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

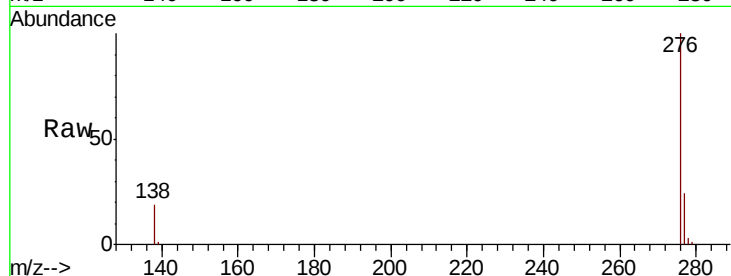
Tot Ion: 276 Resp: 47045

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 18.9 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

