

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007741.D
 Acq On : 19 Sep 2019 15:12
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 20 01:48:25 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	5595	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	21609	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	12769	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	28592	0.40	ng	0.00
27) Chrysene-d12	21.27	240	31410	0.40	ng	0.00
34) Perylene-d12	23.49	264	32938	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	5755	0.30	ng	0.00
5) Phenol-d6	6.87	99	7292	0.30	ng	0.00
8) Nitrobenzene-d5	8.83	82	6402	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	13934	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1858	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	20371	0.39	ng	0.00
25) Fluoranthene-d10	19.10	212	35652	0.37	ng	0.00
29) Terphenyl-d14	19.71	244	30417	0.39	ng	0.00

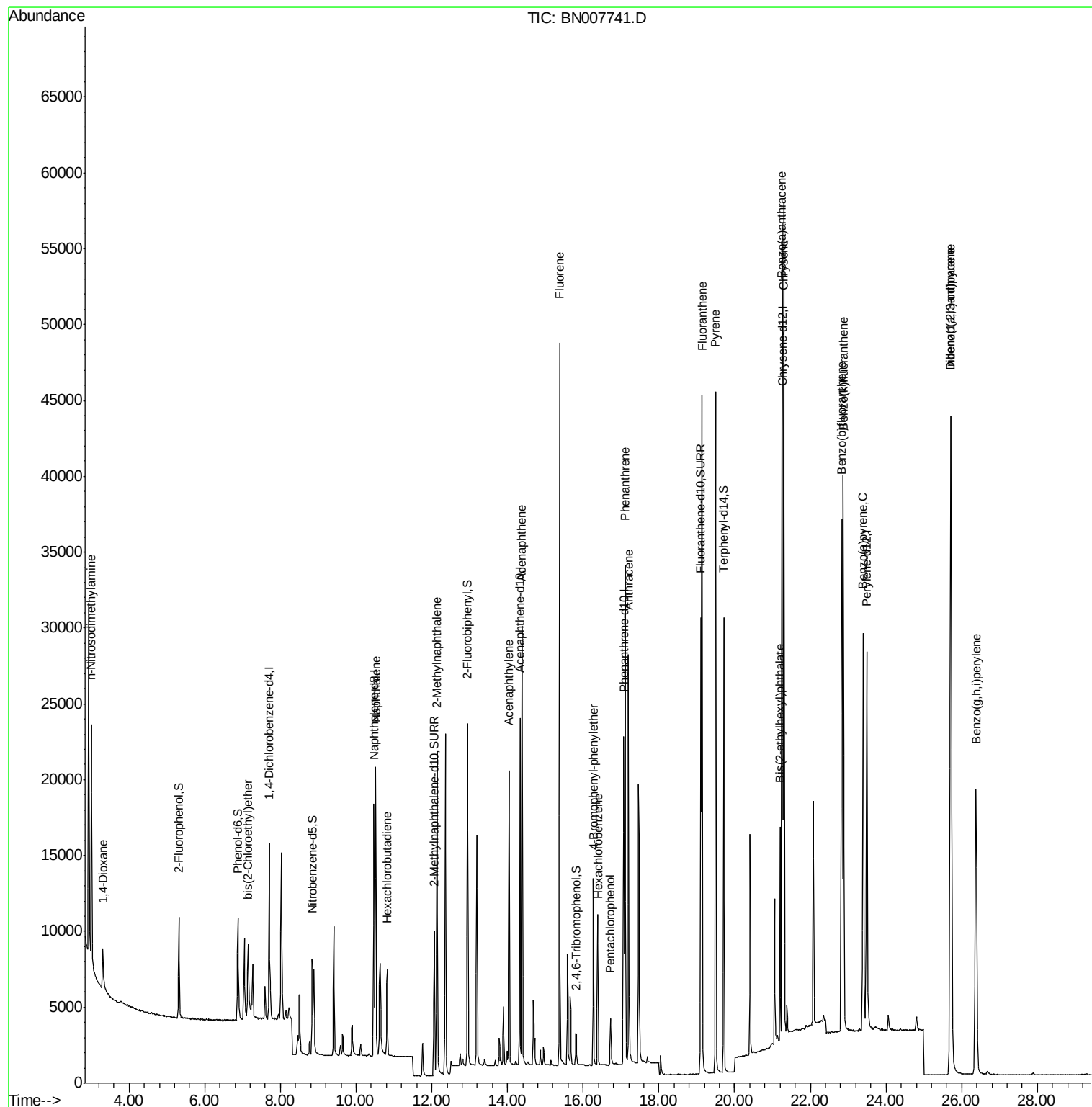
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2269	0.364	ng	# 80
3) n-Nitrosodimethylamine	3.01	42	1670	0.585	ng	# 95
6) bis(2-Chloroethyl)ether	7.15	93	5666	0.358	ng	98
9) Naphthalene	10.52	128	24150	0.398	ng	100
10) Hexachlorobutadiene	10.82	225	5008	0.392	ng	# 99
12) 2-Methylnaphthalene	12.13	142	15939	0.389	ng	99
16) Acenaphthylene	14.03	152	23214	0.343	ng	100
17) Acenaphthene	14.38	154	15760	0.361	ng	96
18) Fluorene	15.37	166	20268	0.362	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	6895	0.397	ng	98
21) Hexachlorobenzene	16.39	284	7908	0.417	ng	98
22) Pentachlorophenol	16.72	266	1883	0.269	ng	95
23) Phenanthrene	17.11	178	35801	0.402	ng	100
24) Anthracene	17.20	178	29293	0.364	ng	100
26) Fluoranthene	19.14	202	42063	0.380	ng	100
28) Pyrene	19.50	202	42041	0.392	ng	100
30) Benzo(a)anthracene	21.25	228	41098	0.355	ng	99
31) Chrysene	21.30	228	46004	0.408	ng	100
32) Bis(2-ethylhexyl)phthalate	21.21	149	12351	0.208	ng	98
33) Indeno(1,2,3-cd)pyrene	25.71	276	51605	0.366	ng	99
35) Benzo(b)fluoranthene	22.83	252	44095	0.386	ng	100
36) Benzo(k)fluoranthene	22.87	252	46296	0.409	ng	99
37) Benzo(a)pyrene	23.40	252	38922	0.362	ng	100
38) Dibenzo(a,h)anthracene	25.72	278	41955	0.382	ng	100
39) Benzo(g,h,i)perylene	26.38	276	40912	0.376	ng	99

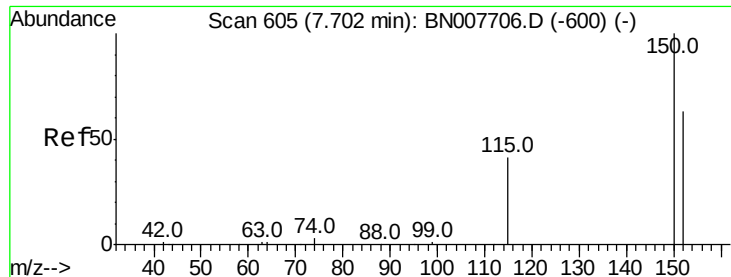
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

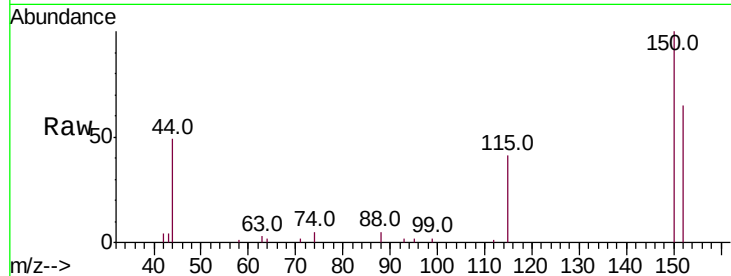
Tot Ion:152 Resp: 5595

Ion Ratio Lower Upper

152 100

150 153.7 125.6 188.4

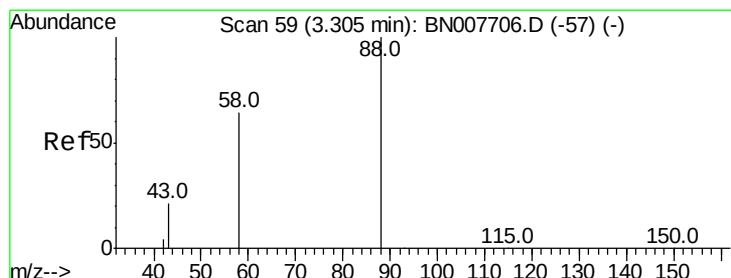
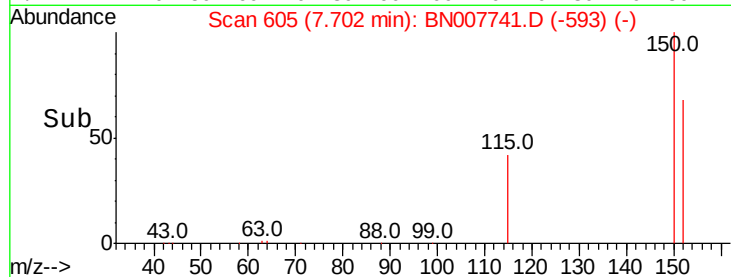
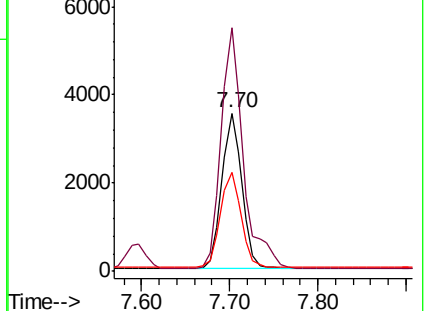
115 62.6 53.3 79.9



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: 0.364 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

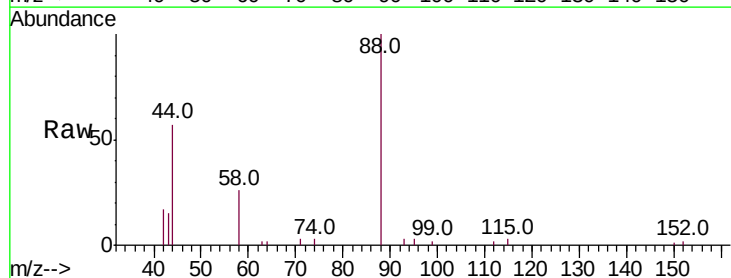
Tgt Ion: 88 Resp: 2269

Ion Ratio Lower Upper

88 100

58 71.5 44.6 66.8#

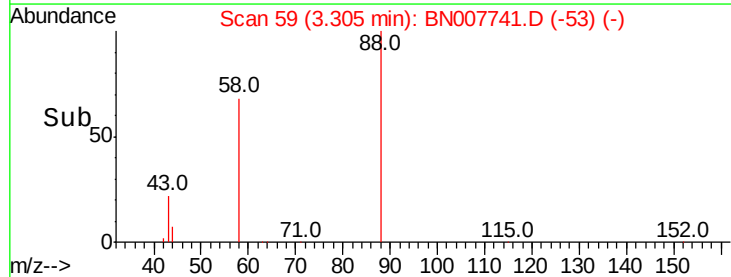
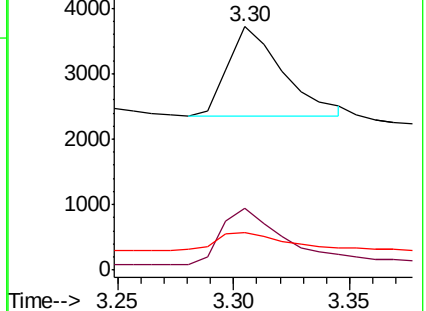
43 24.9 14.4 21.6#

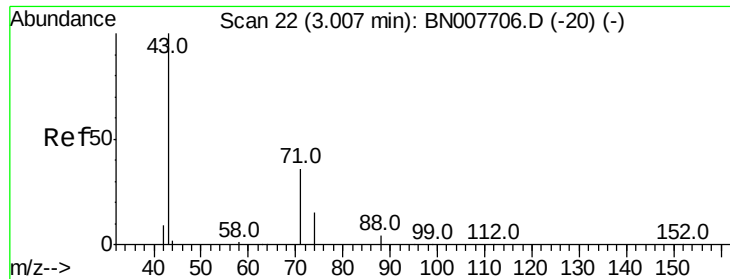


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.585 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

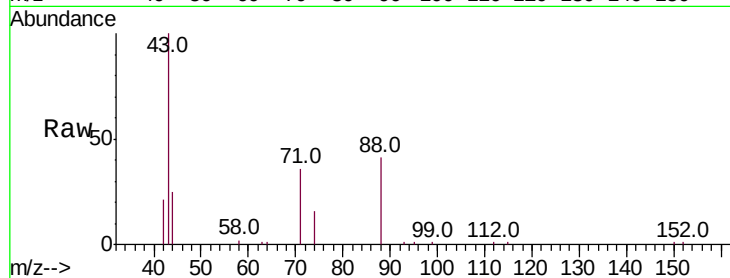
Tot Ion: 42 Resp: 1670

Ion Ratio Lower Upper

42 100

74 110.1 87.9 131.9

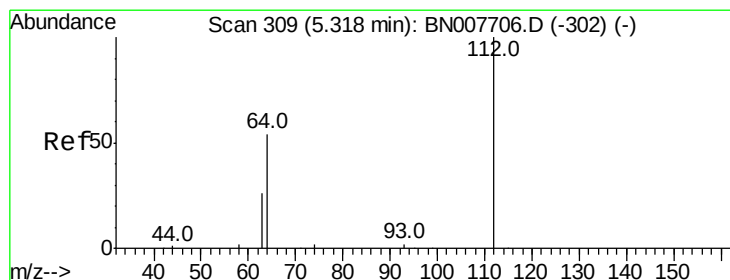
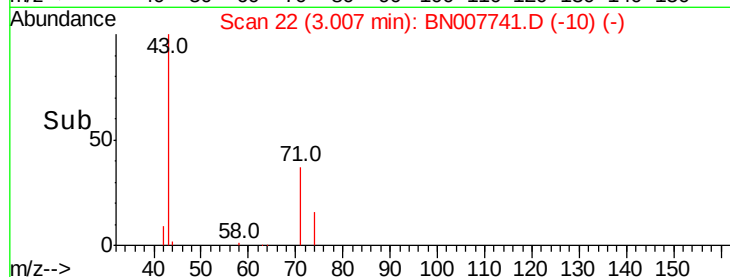
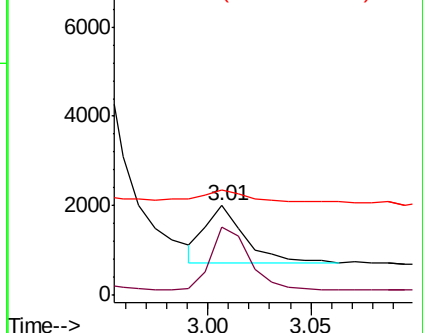
44 24.3 29.4 44.0#



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

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

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



#4

2-Fluorophenol

Concen: 0.299 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

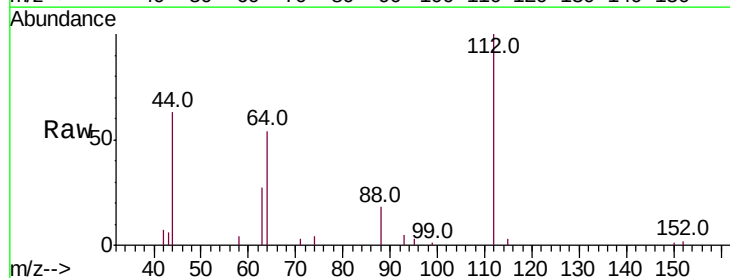
Tgt Ion: 112 Resp: 5755

Ion Ratio Lower Upper

112 100

64 59.4 46.6 70.0

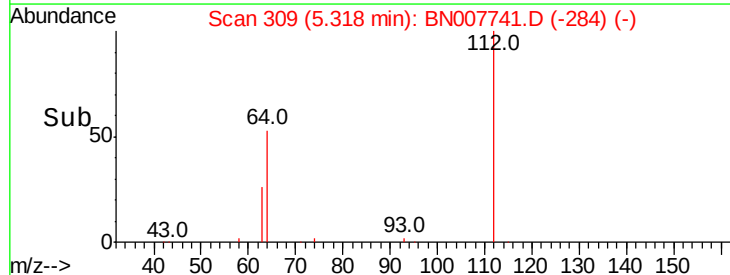
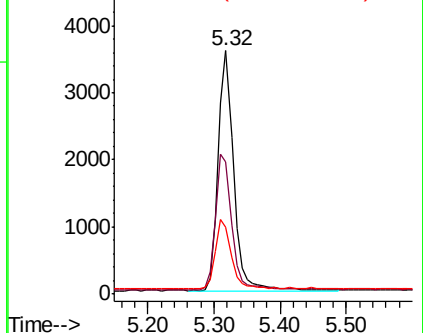
63 29.7 23.1 34.7

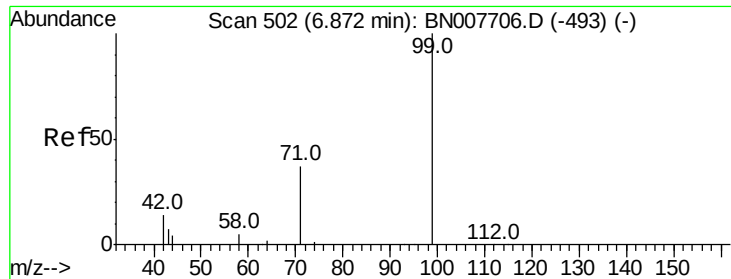


Abundance Ion 112.00 (111.70 to 112.70): BN007741.D (-284) (-)

Ion 64.00 (63.70 to 64.70): BN007741.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BN007741.D (-284) (-)





#5

Phenol-d6

Concen: 0.302 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampled :

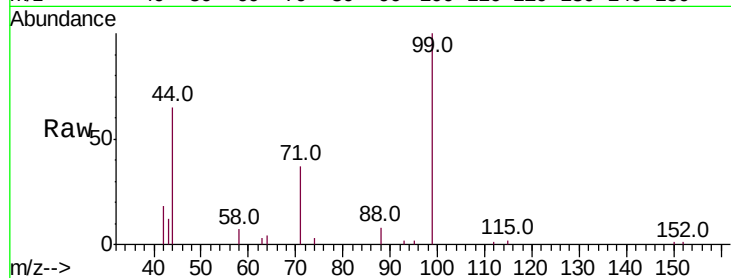
Tot Ion: 99 Resp: 7292

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

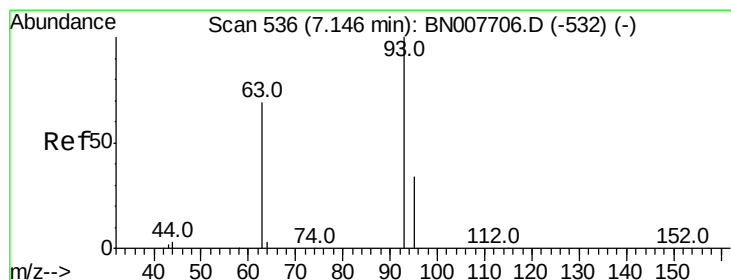
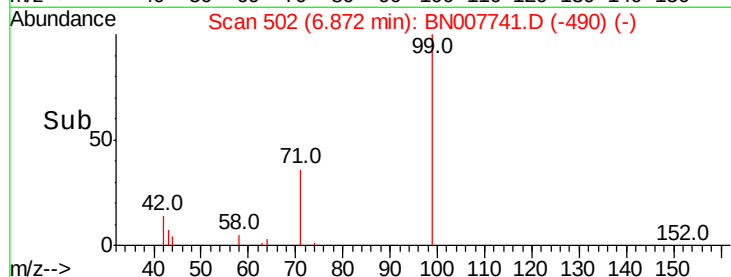
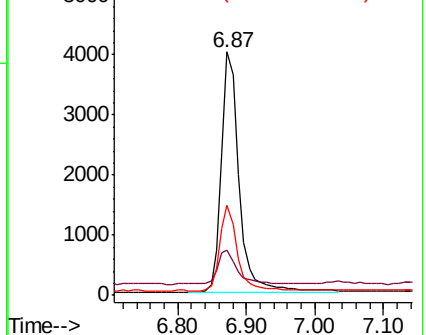
71 35.1 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007741.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007741.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007741.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.358 ng

RT: 7.15 min Scan# 536

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

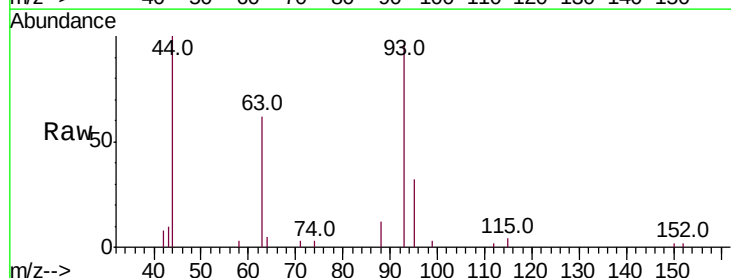
Tgt Ion: 93 Resp: 5666

Ion Ratio Lower Upper

93 100

63 75.9 59.3 88.9

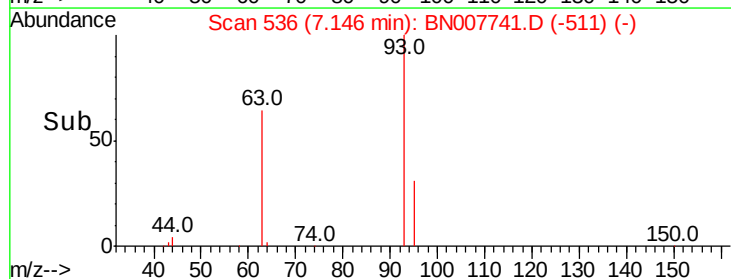
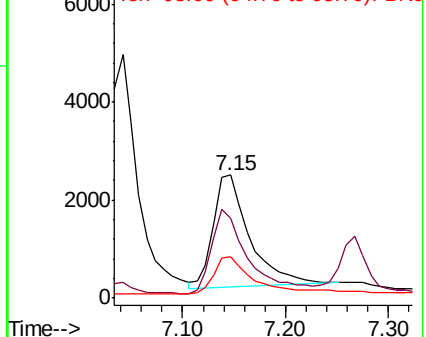
95 38.4 31.4 47.0

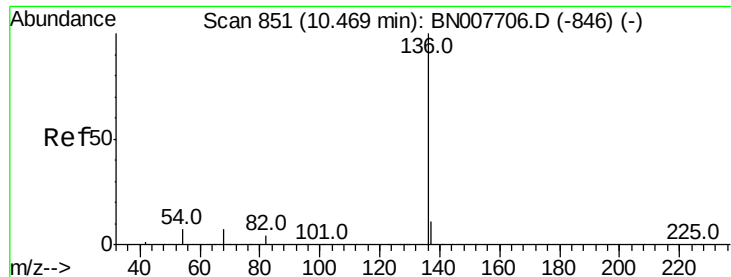


Abundance Ion 93.00 (92.70 to 93.70): BN007741.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007741.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007741.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 21609

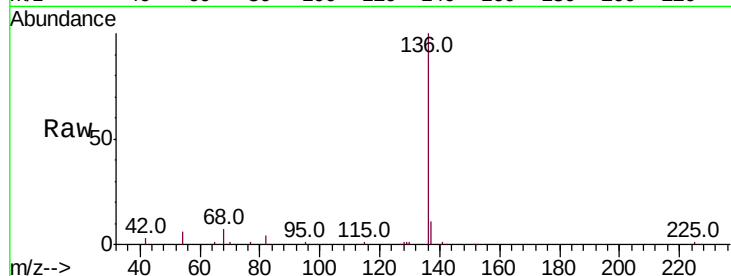
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.4 5.8 8.8

68 7.1 6.5 9.7

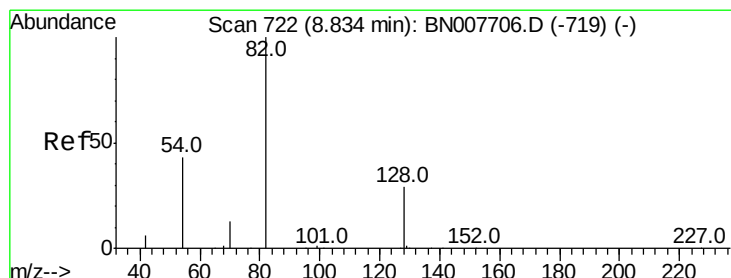
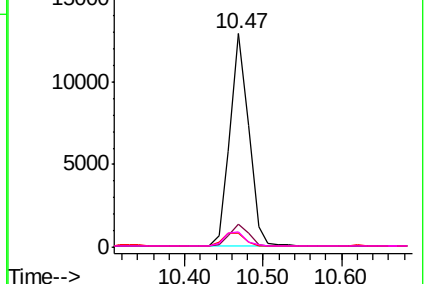
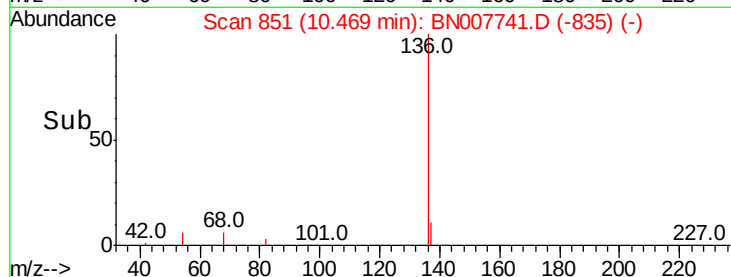


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

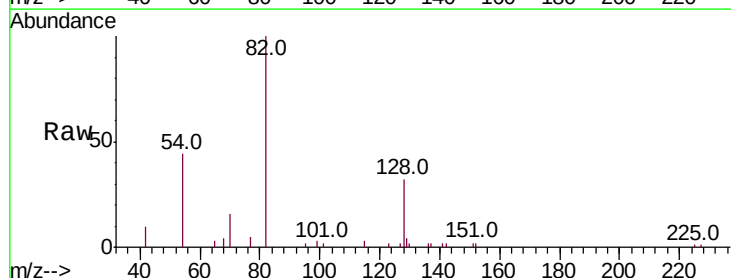
Tgt Ion: 82 Resp: 6402

Ion Ratio Lower Upper

82 100

128 31.6 24.5 36.7

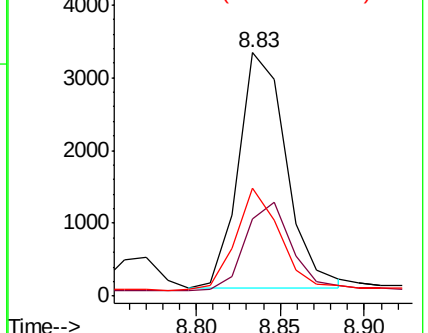
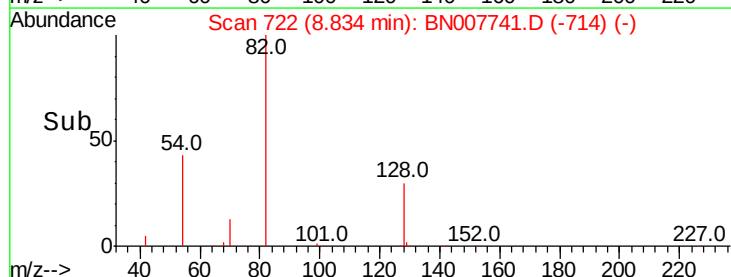
54 44.4 35.2 52.8

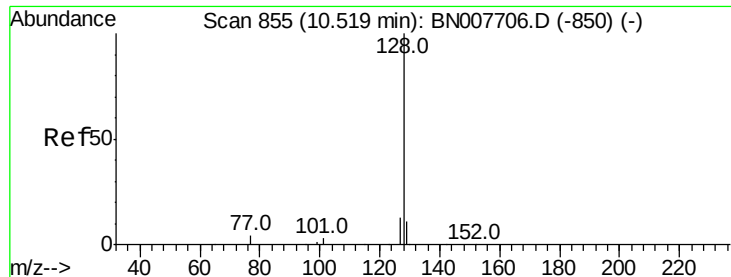


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

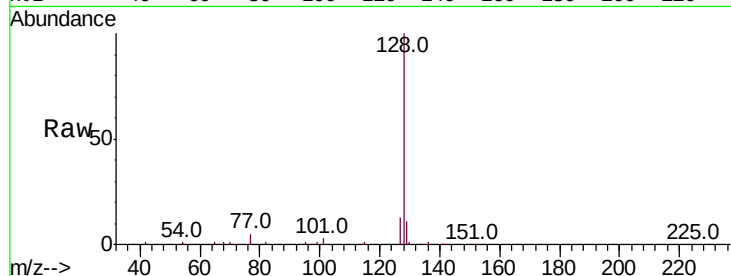
Tot Ion:128 Resp: 24150

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.2 10.6 15.8

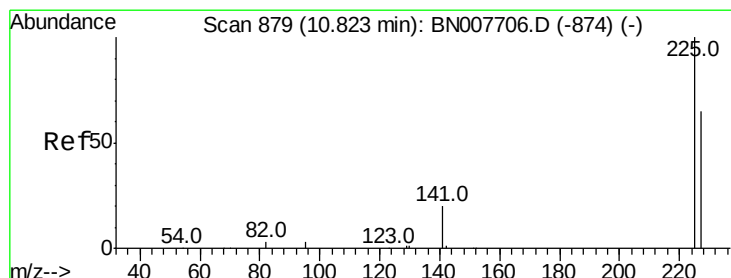
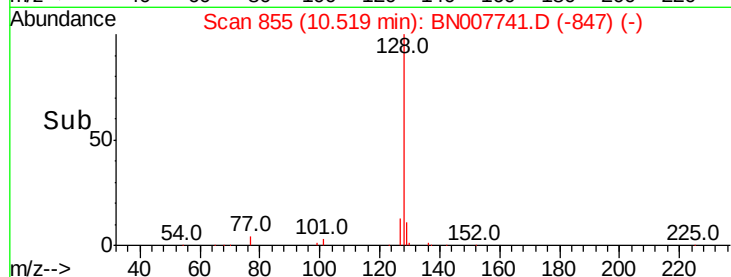
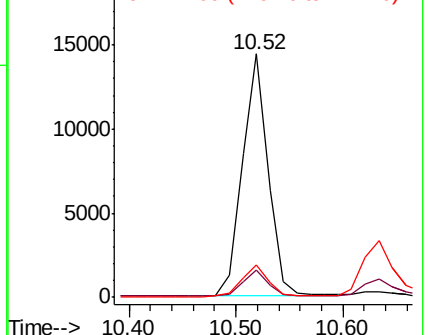


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.392 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

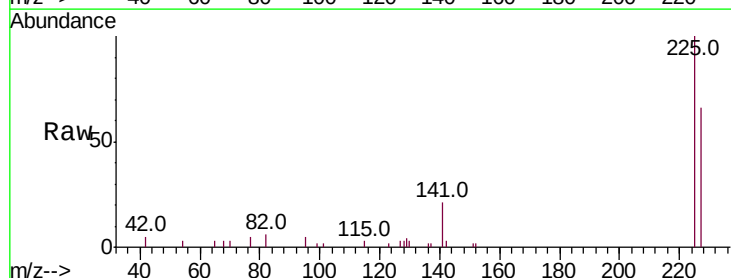
Tgt Ion:225 Resp: 5008

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.4 51.2 76.8

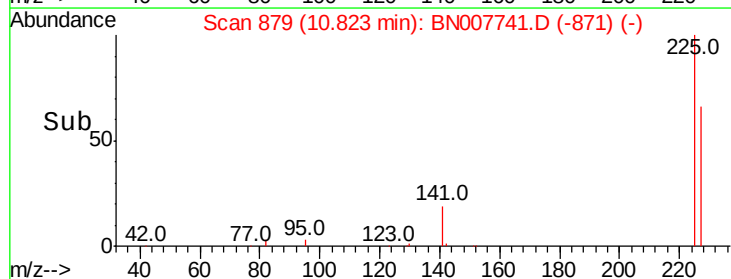
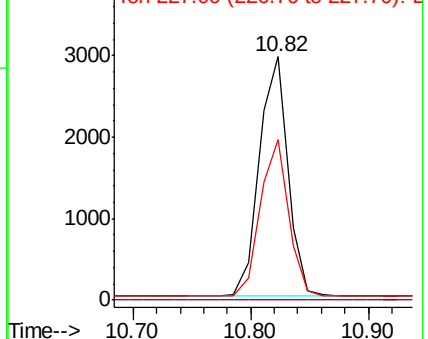


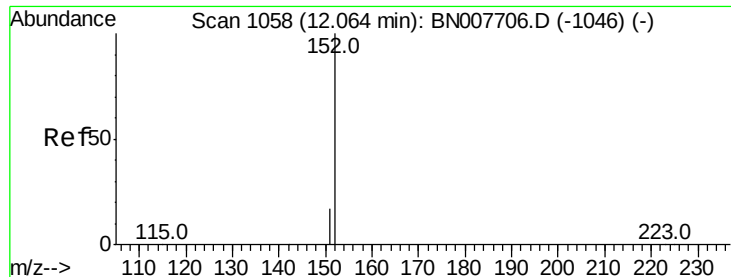
Abundance

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: 0.383 ng

RT: 12.06 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

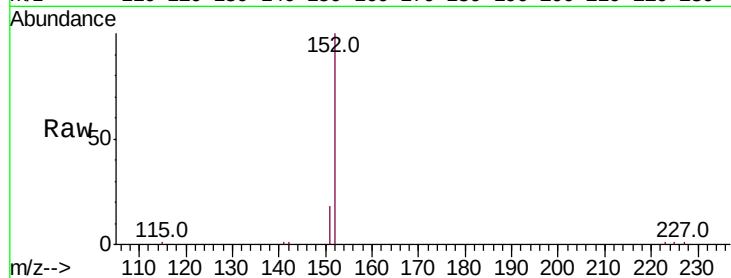
ClientSampleId :

Tot Ion:152 Resp: 13934

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

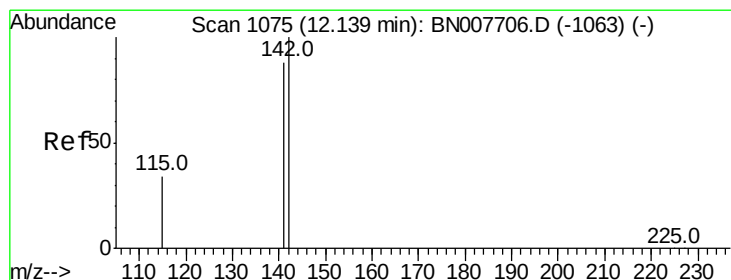
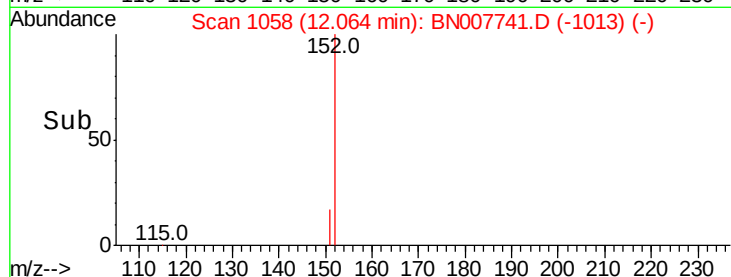
6000

4000

2000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 12.13 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

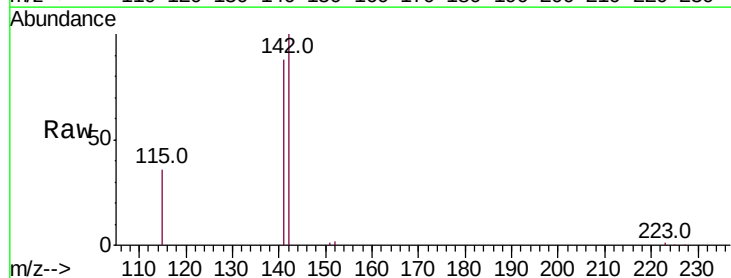
Tgt Ion:142 Resp: 15939

Ion Ratio Lower Upper

142 100

141 87.6 70.6 106.0

115 35.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

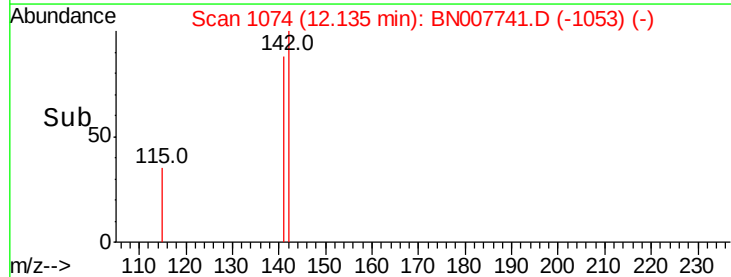
Ion 115.00 (114.70 to 115.70): E

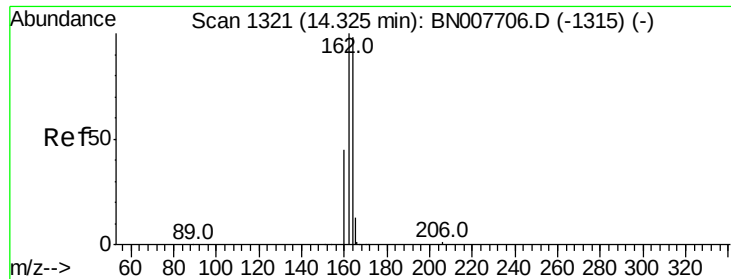
10000

5000

0

Time--> 12.00 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

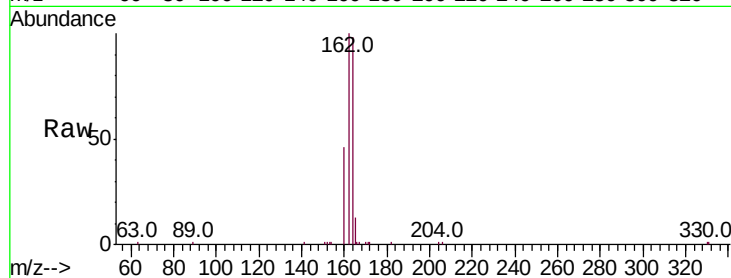
Tot Ion:164 Resp: 12769

Ion Ratio Lower Upper

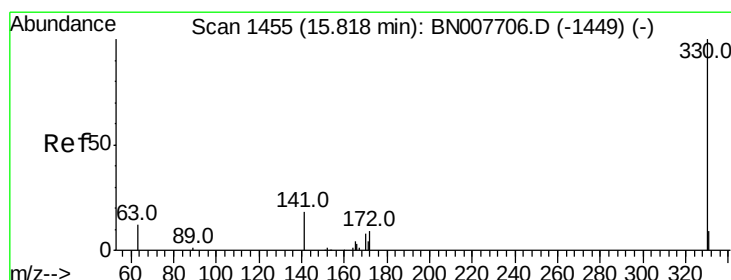
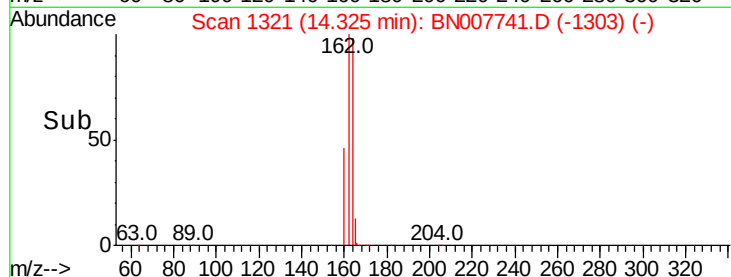
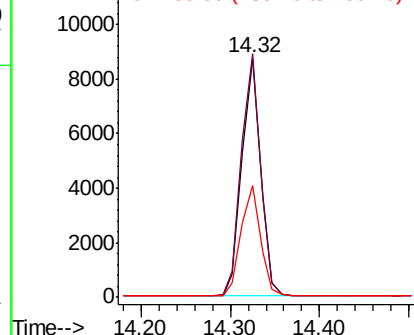
164 100

162 101.8 81.7 122.5

160 46.7 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: 0.267 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

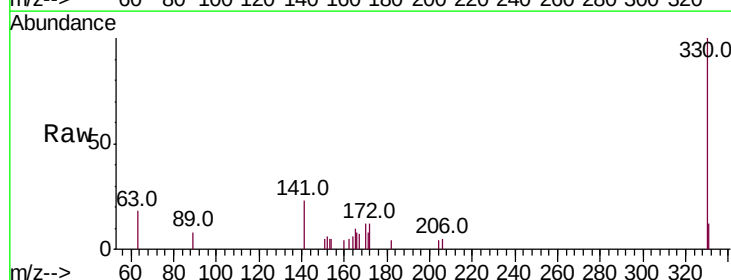
Tgt Ion:330 Resp: 1858

Ion Ratio Lower Upper

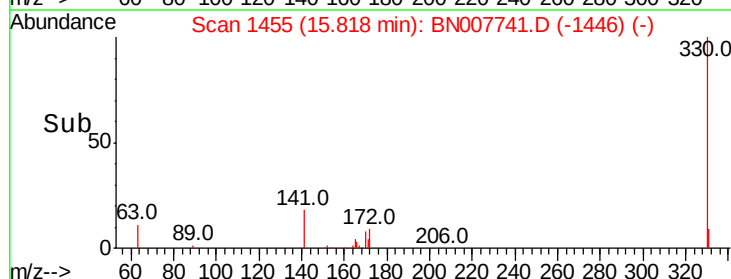
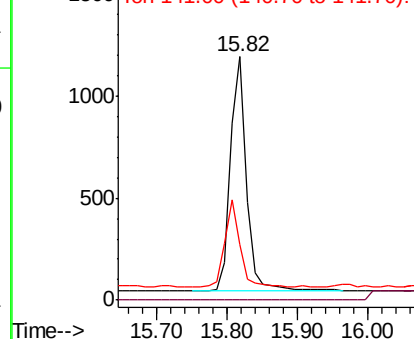
330 100

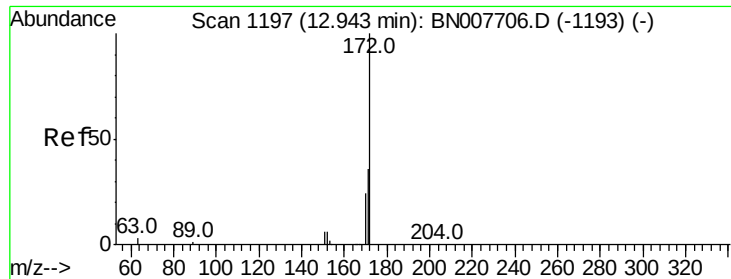
332 0.0 0.0 0.0

141 35.5 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

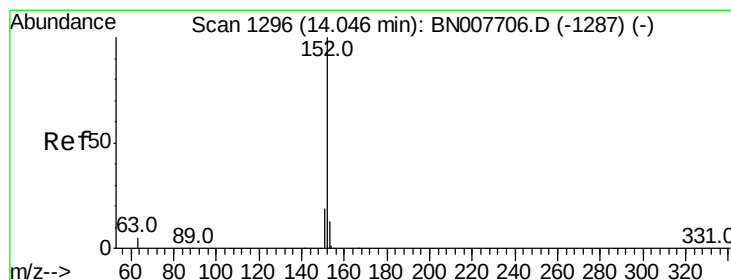
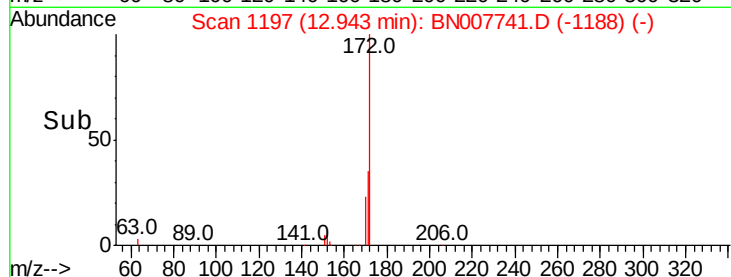
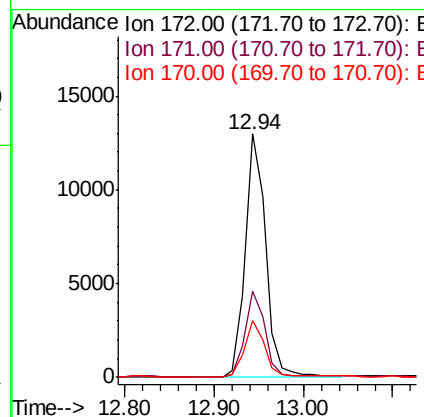
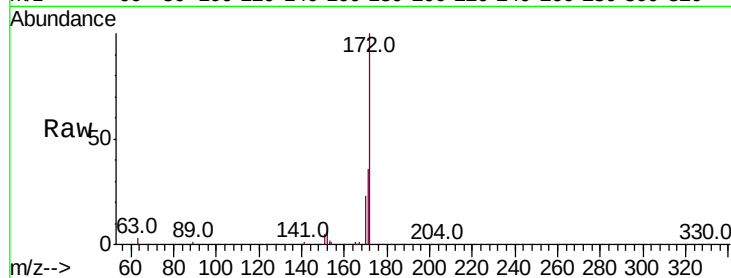




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

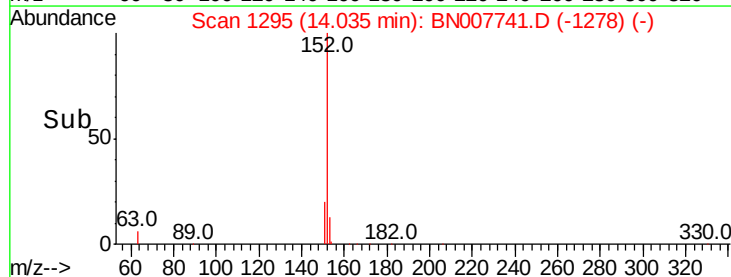
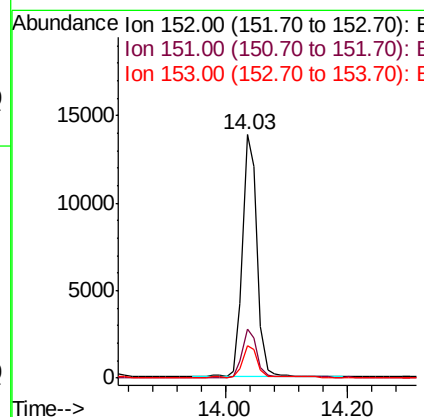
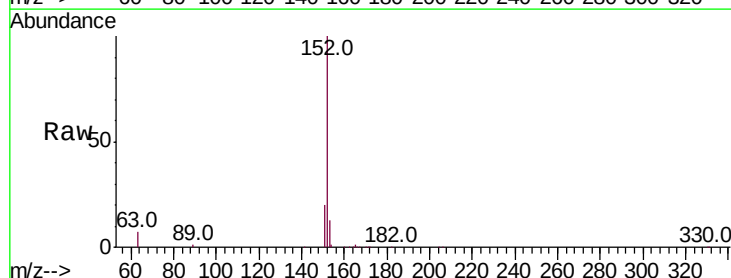
Instrument :
BNA_N
ClientSampleId :

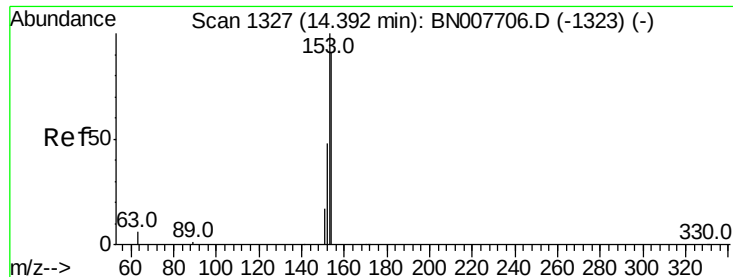
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.4	19.5	29.3



#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 0.361 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

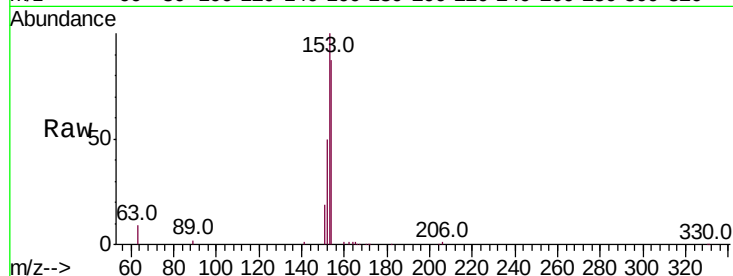
Tot Ion:154 Resp: 15760

Ion Ratio Lower Upper

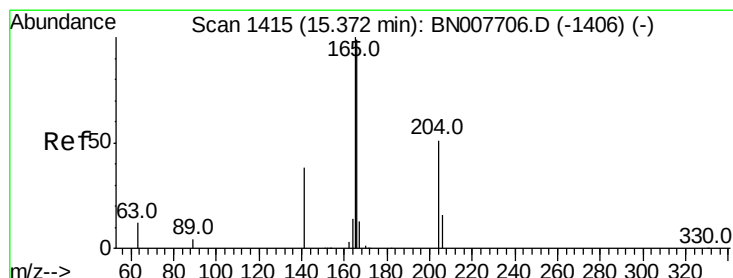
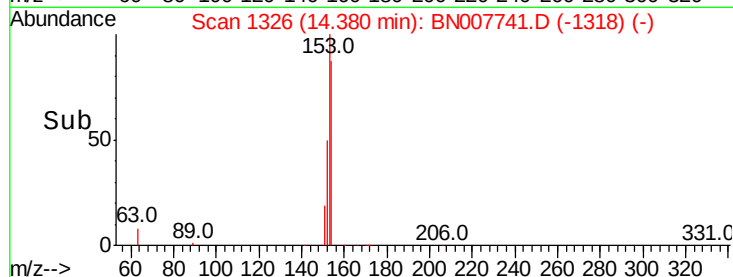
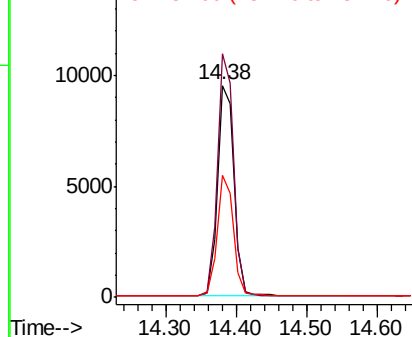
154 100

153 112.3 87.0 130.4

152 56.4 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: 0.362 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

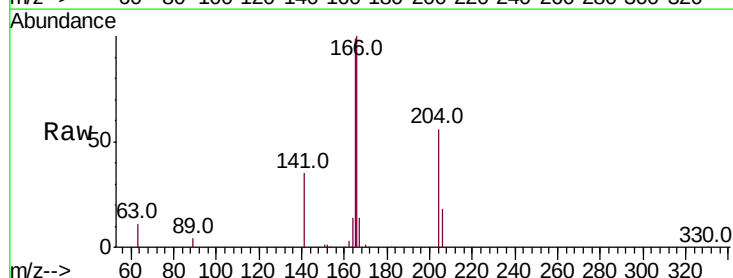
Tgt Ion:166 Resp: 20268

Ion Ratio Lower Upper

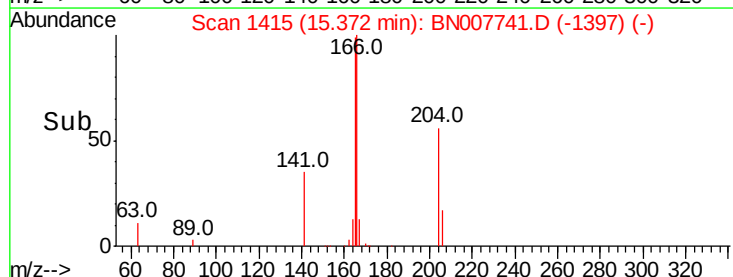
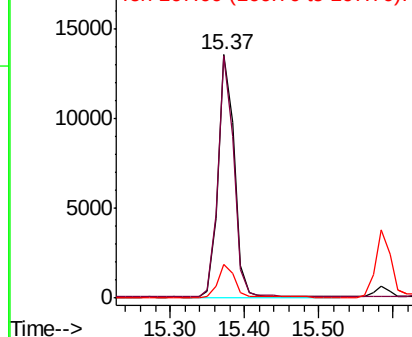
166 100

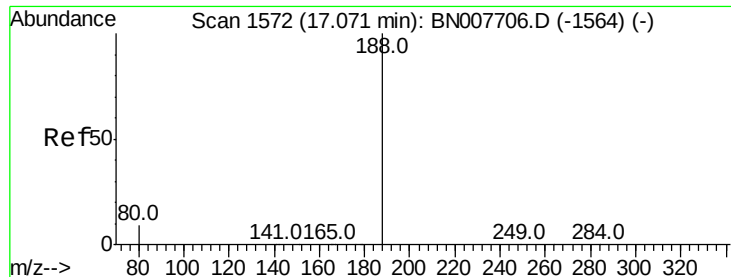
165 97.3 78.0 117.0

167 13.7 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

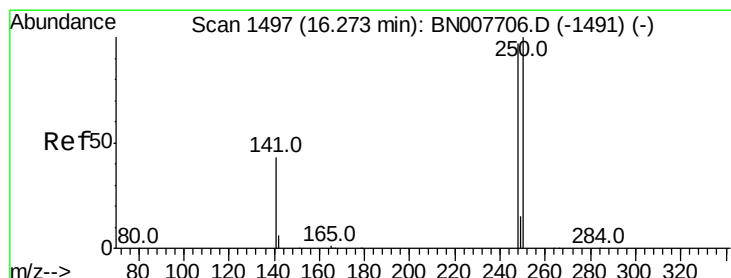
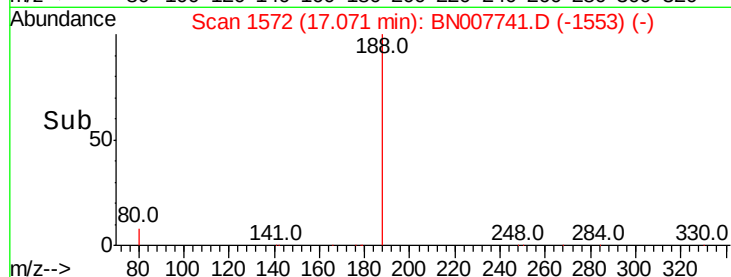
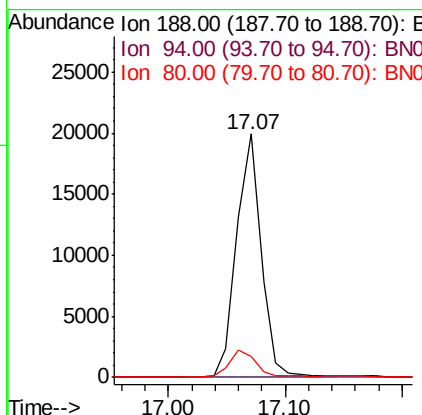
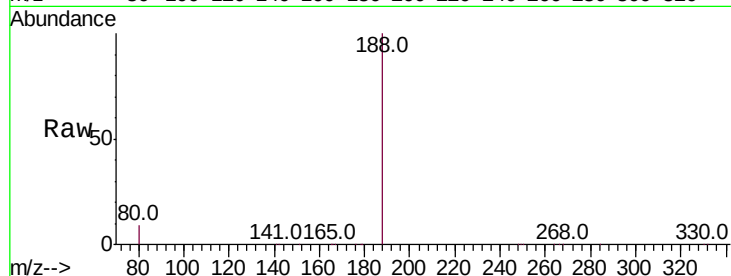




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.07 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BN007741.D
 Acq: 19 Sep 2019 15:12

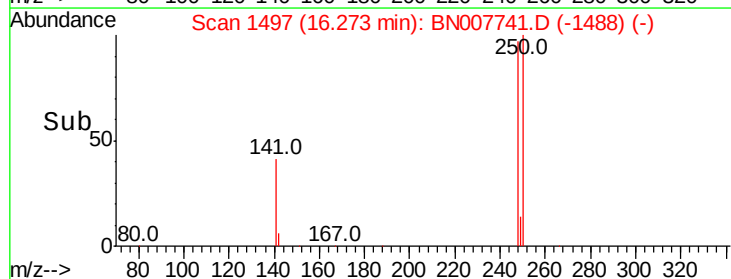
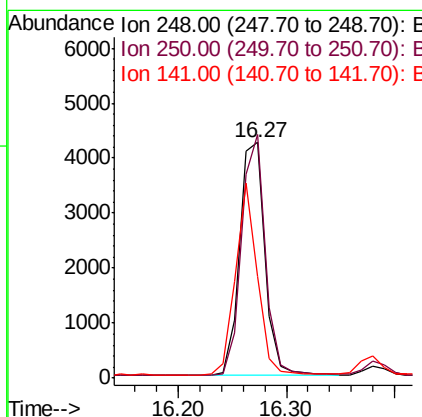
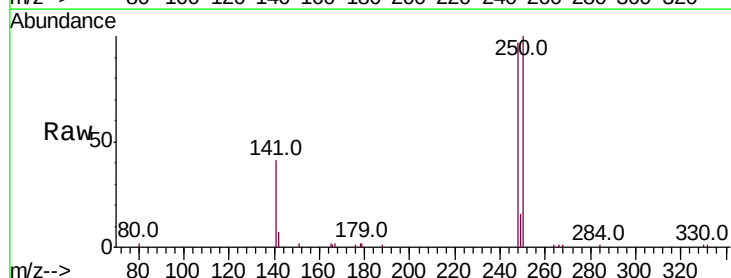
Instrument :
 BNA_N
 ClientSampled :

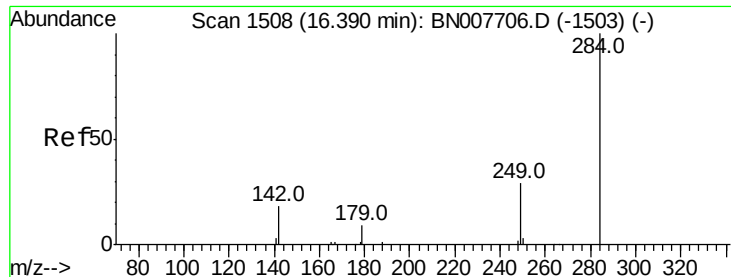
Tot Ion:188 Resp: 28592
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.6 7.4 11.2



#20
 4-Bromophenyl-phenylether
 Concen: 0.397 ng
 RT: 16.27 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BN007741.D
 Acq: 19 Sep 2019 15:12

Tgt Ion:248 Resp: 6895
 Ion Ratio Lower Upper
 248 100
 250 103.4 82.2 123.4
 141 42.8 36.3 54.5





#21

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

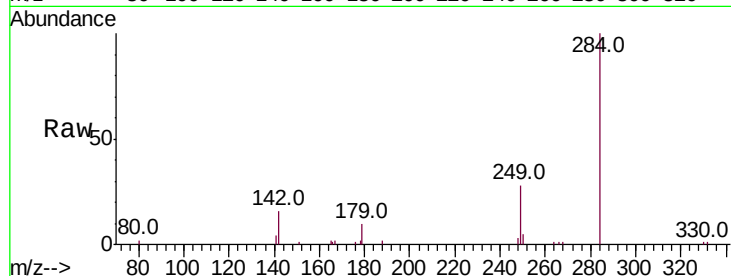
Tot Ion:284 Resp: 7908

Ion Ratio Lower Upper

284 100

142 34.1 25.8 38.6

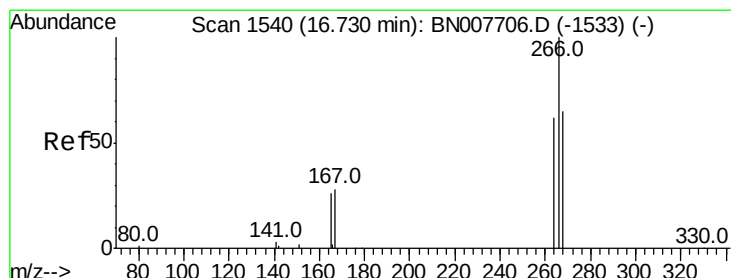
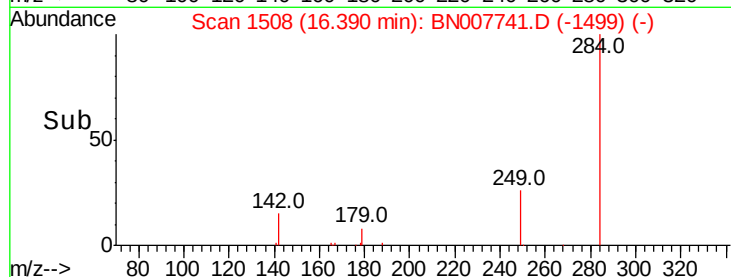
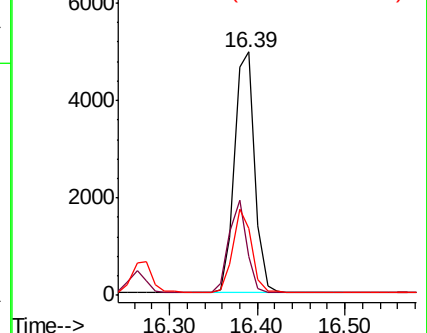
249 31.9 25.9 38.9



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: 0.269 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

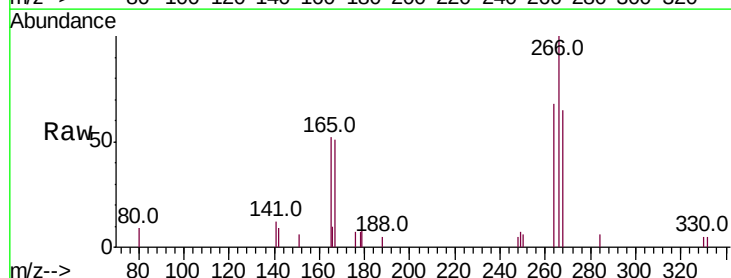
Tgt Ion:266 Resp: 1883

Ion Ratio Lower Upper

266 100

264 68.0 50.0 75.0

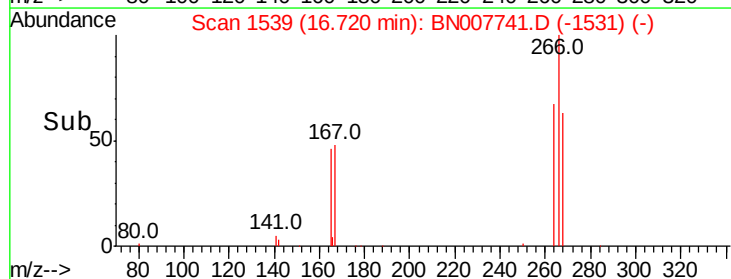
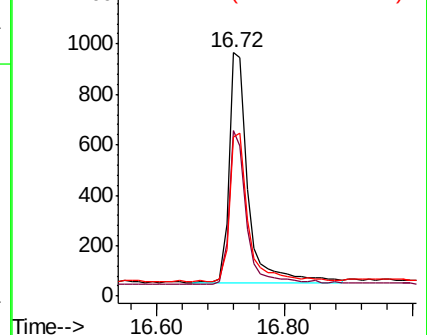
268 65.4 54.2 81.4

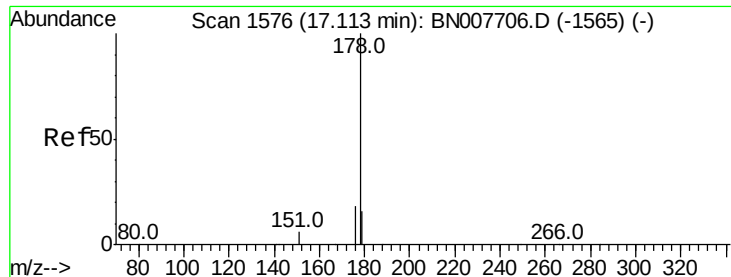


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.402 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

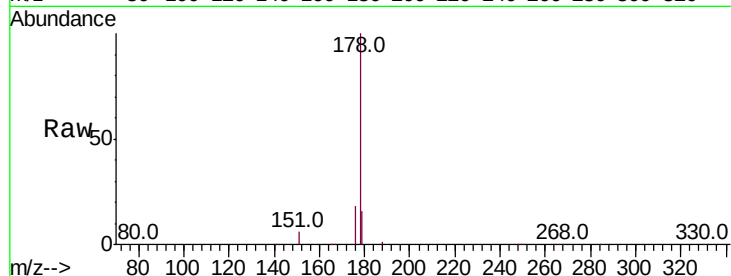
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 35801

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.5	18.7

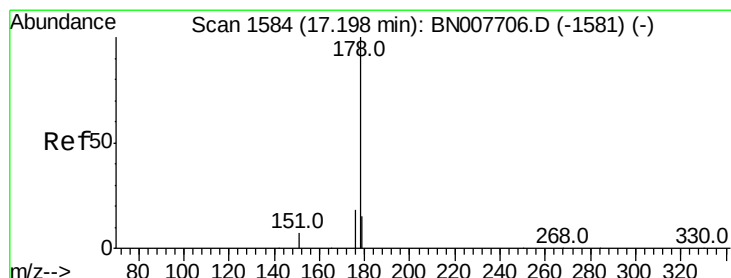
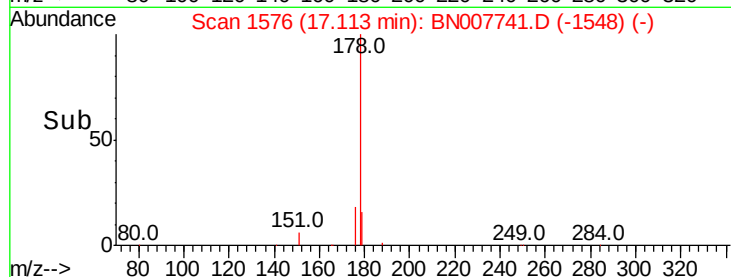
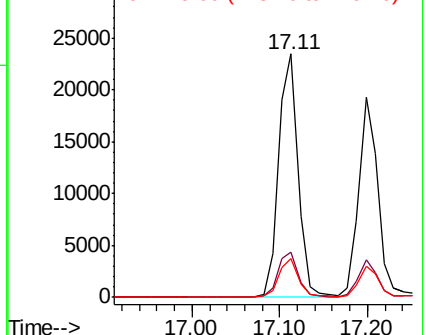


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.364 ng

RT: 17.20 min Scan# 1584

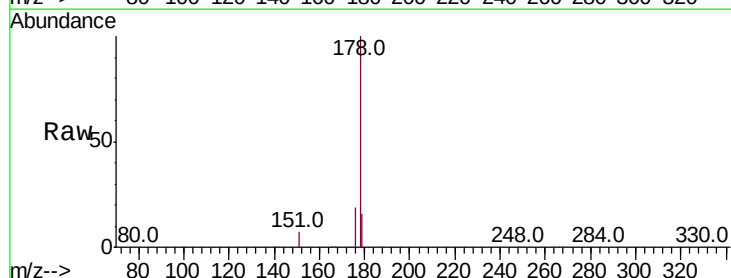
Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Tgt Ion:178 Resp: 29293

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.5	12.2	18.4

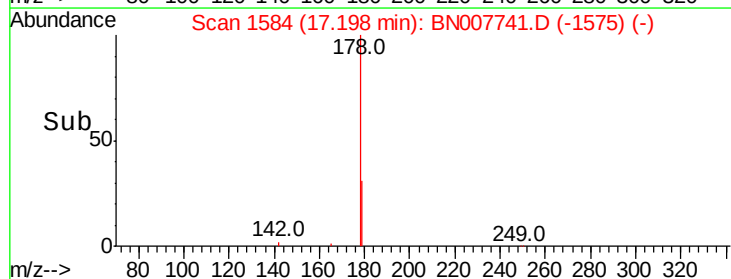
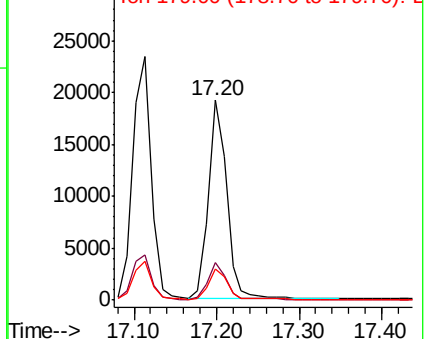


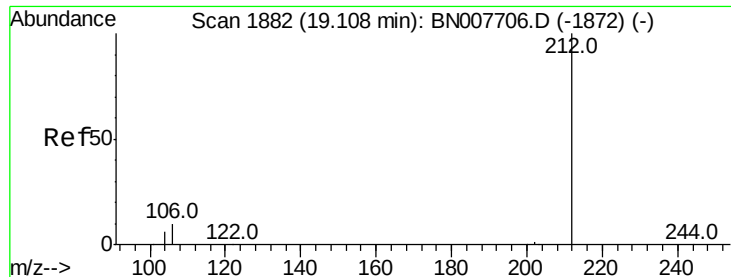
Abundance

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: 0.370 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

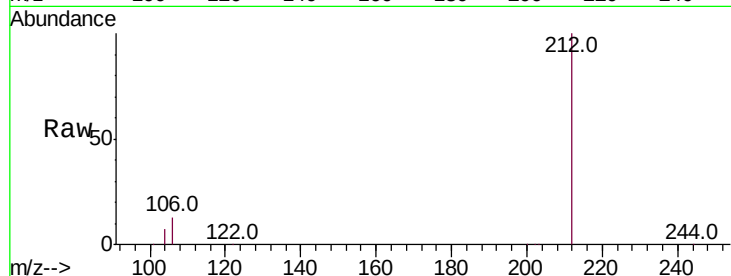
Tot Ion:212 Resp: 35652

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

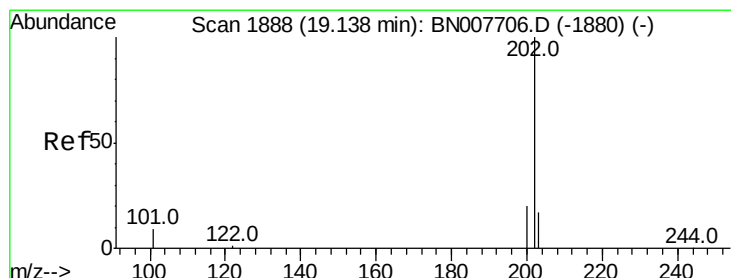
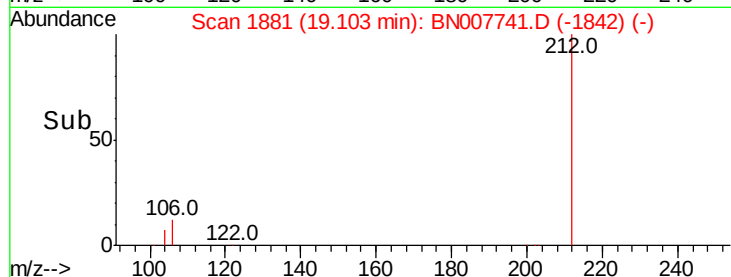
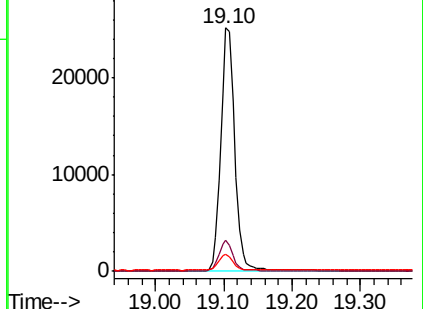
104 6.7 5.3 7.9



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: 0.380 ng

RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

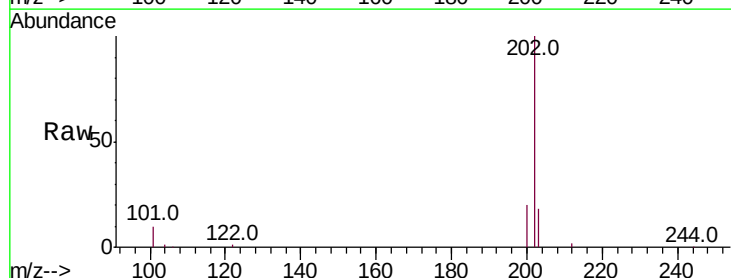
Tgt Ion:202 Resp: 42063

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

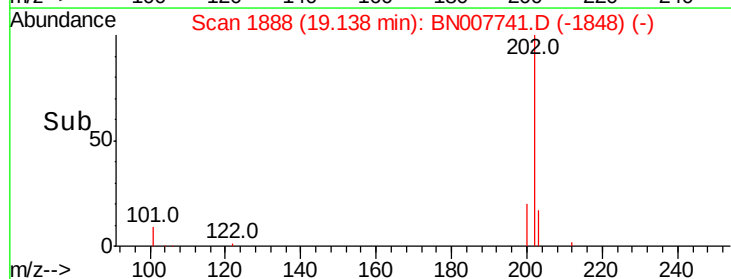
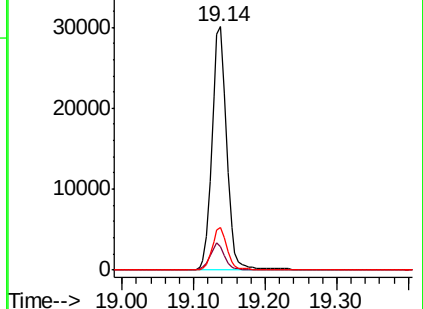
203 17.1 13.8 20.8

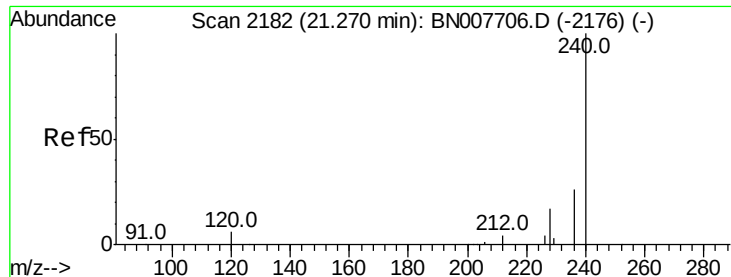


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

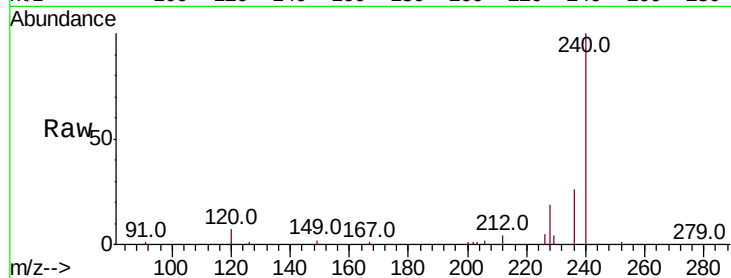
Tot Ion:240 Resp: 31410

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.2

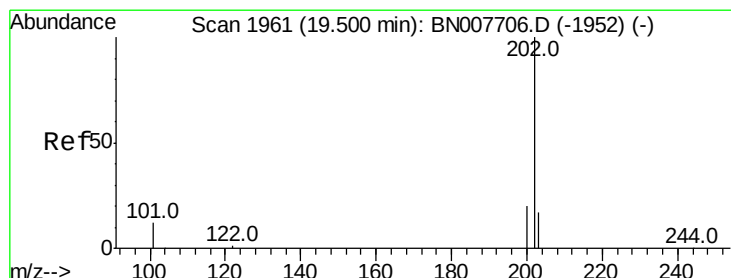
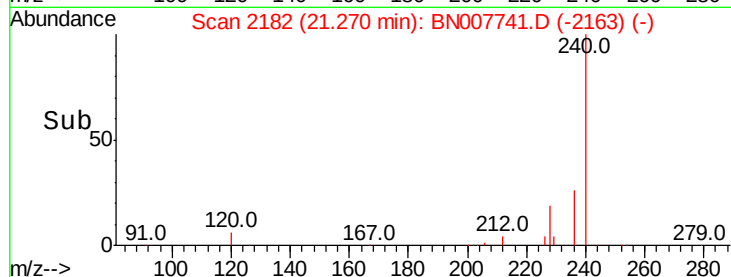
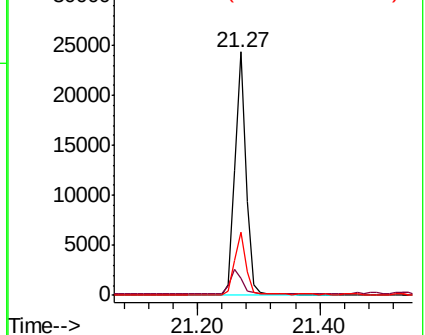
236 26.1 21.0 31.4



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: 0.392 ng

RT: 19.50 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

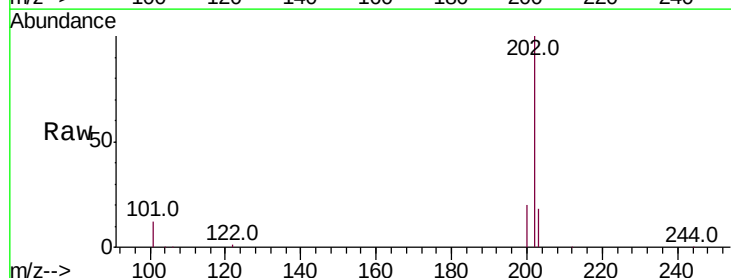
Tgt Ion:202 Resp: 42041

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

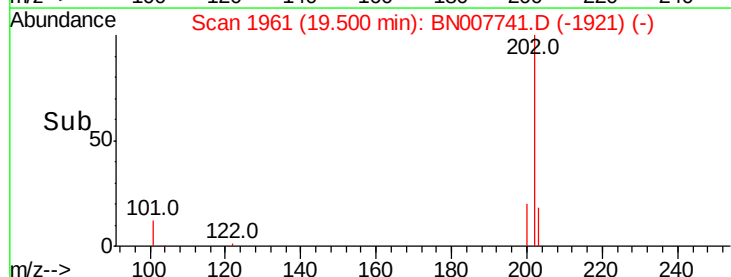
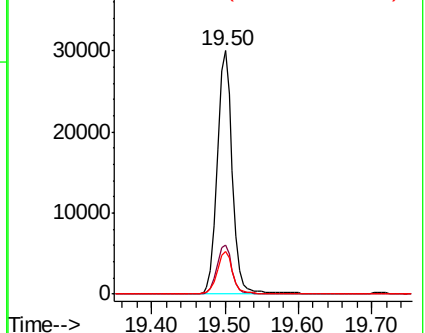
203 17.6 14.1 21.1

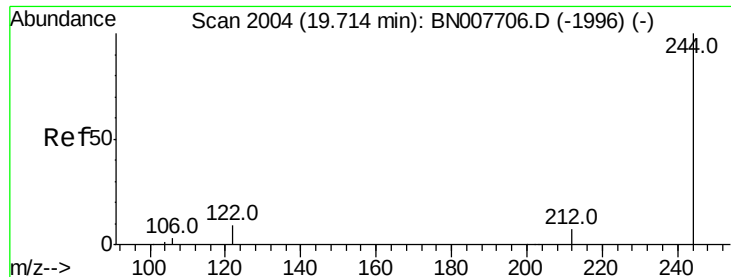


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.71 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

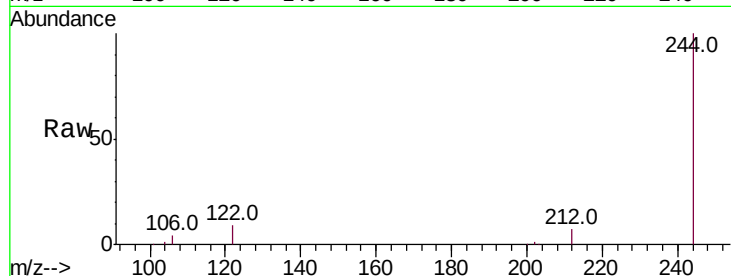
Tot Ion:244 Resp: 30417

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

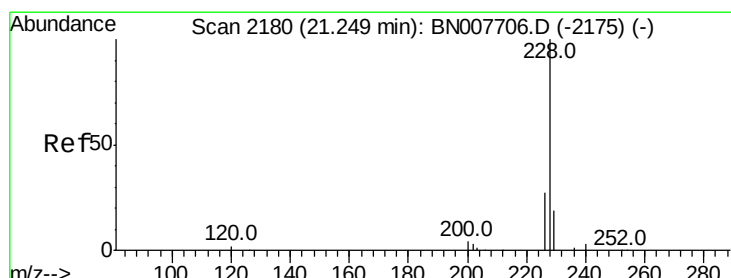
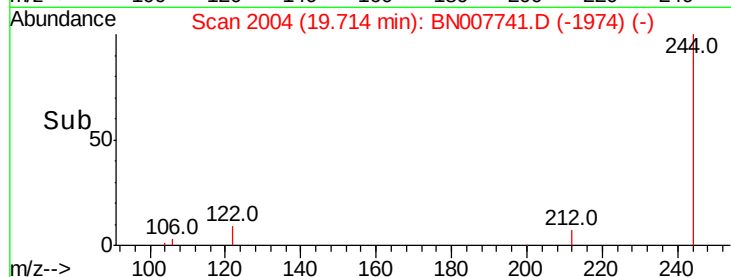
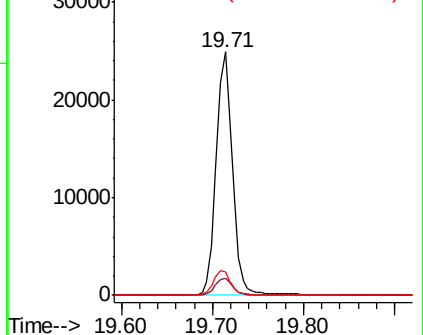
122 9.4 7.4 11.2



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: 0.355 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

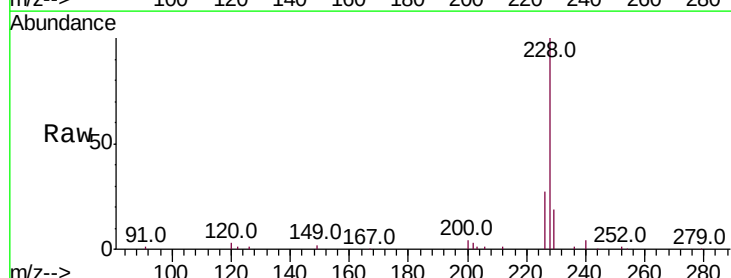
Tgt Ion:228 Resp: 41098

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

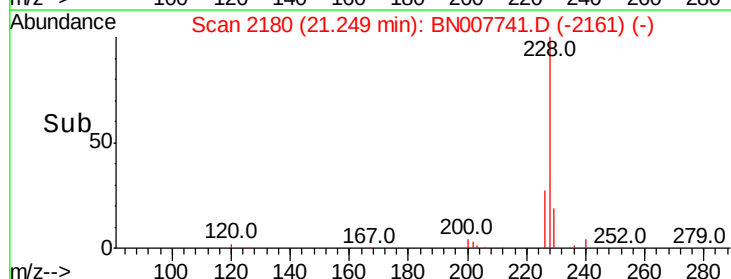
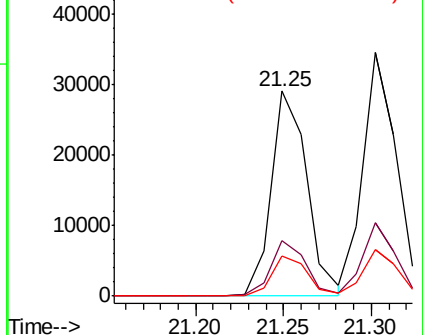
229 19.2 15.8 23.6

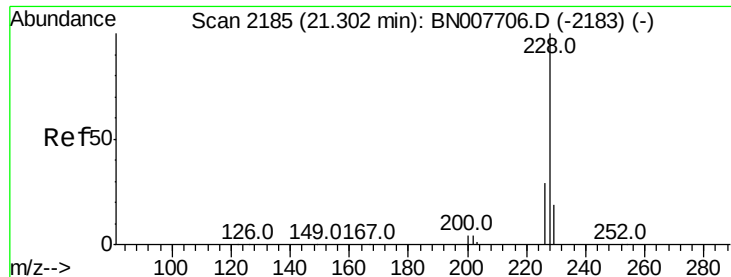


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.408 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

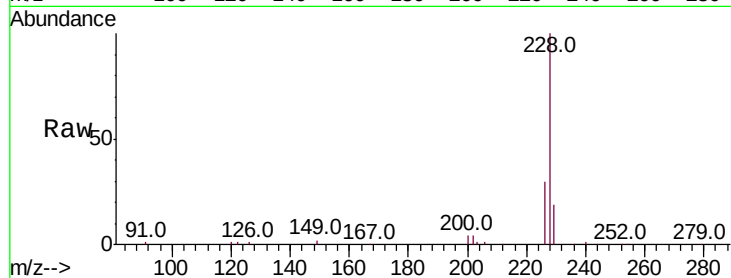
Tot Ion:228 Resp: 46004

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

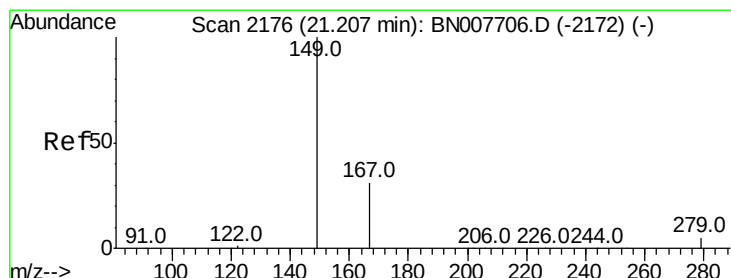
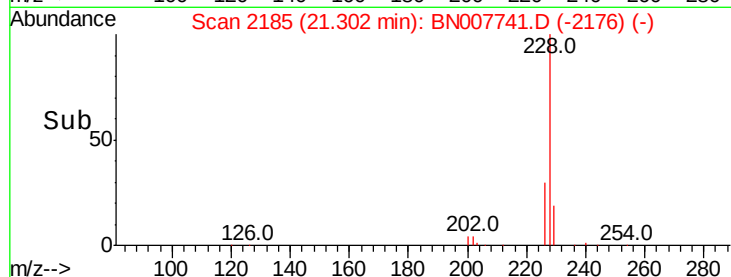
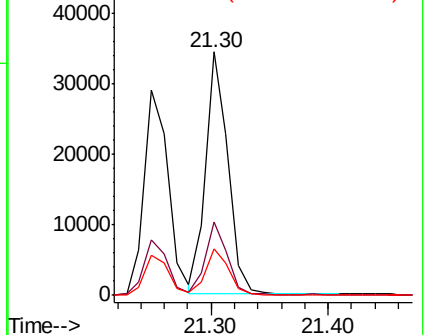
229 19.3 15.8 23.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.208 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

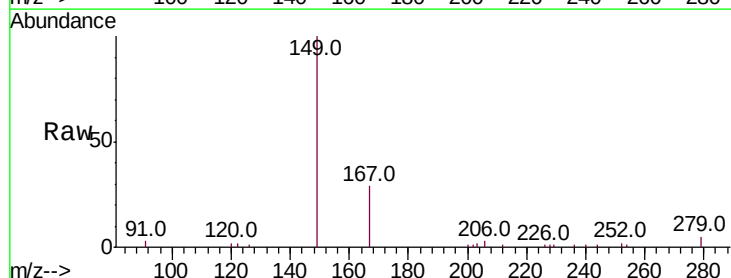
Tgt Ion:149 Resp: 12351

Ion Ratio Lower Upper

149 100

167 28.5 23.7 35.5

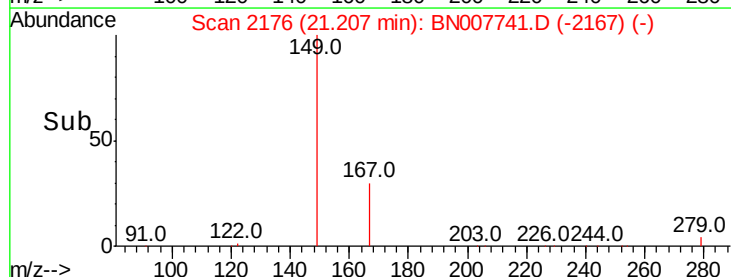
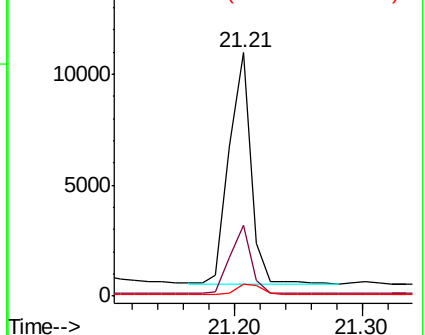
279 5.0 4.2 6.2

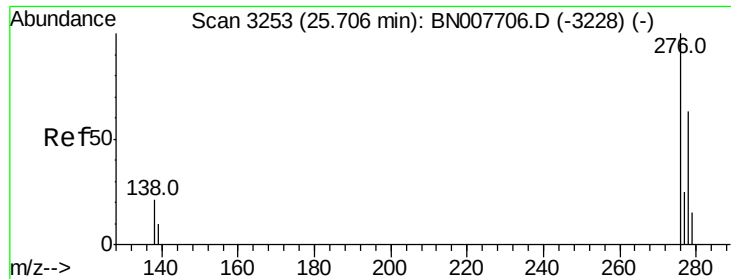


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.366 ng

RT: 25.71 min Scan# 3253

Delta R.T. -0.00 min

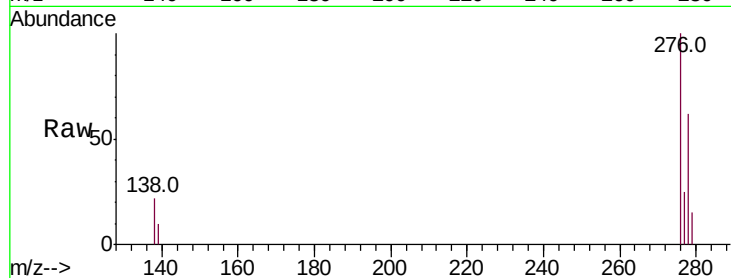
Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :



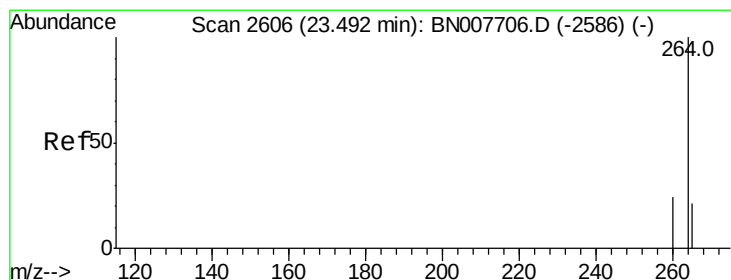
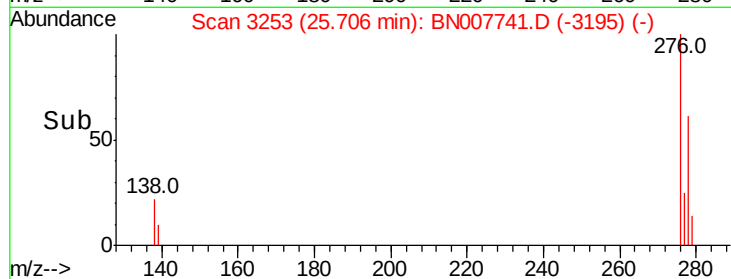
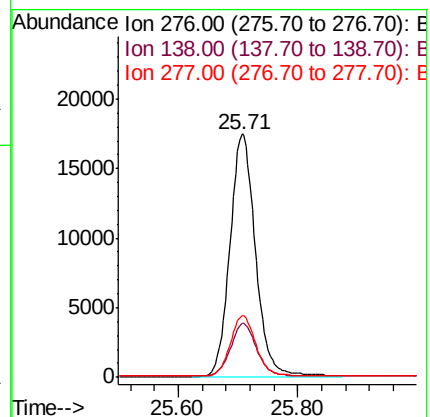
Tot Ion:276 Resp: 51605

Ion Ratio Lower Upper

276 100

138 22.4 17.1 25.7

277 25.0 20.0 30.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

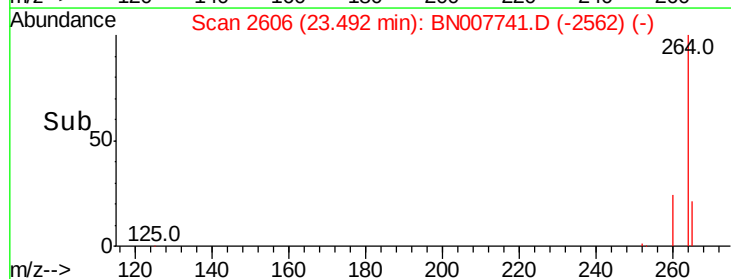
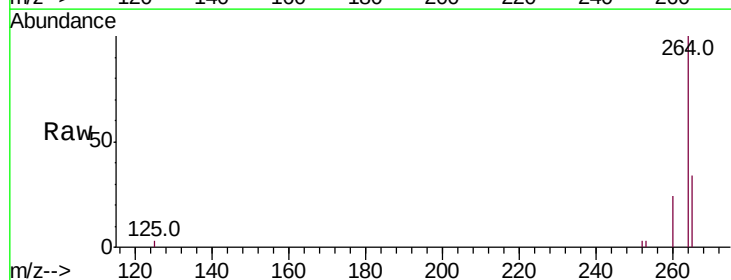
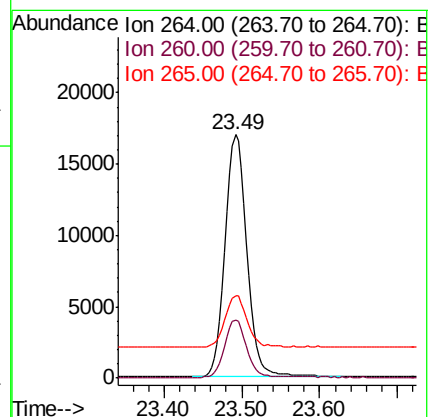
Tgt Ion:264 Resp: 32938

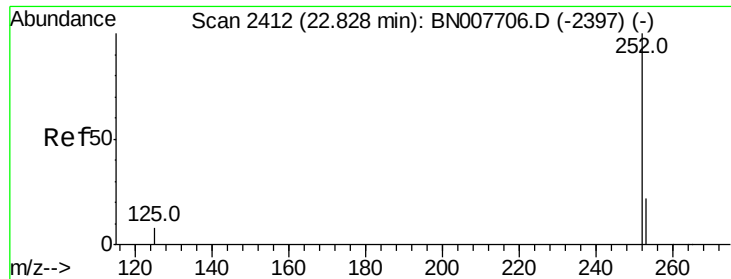
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 33.9 26.9 40.3





#35

Benzo(b)fluoranthene

Concen: 0.386 ng

RT: 22.83 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

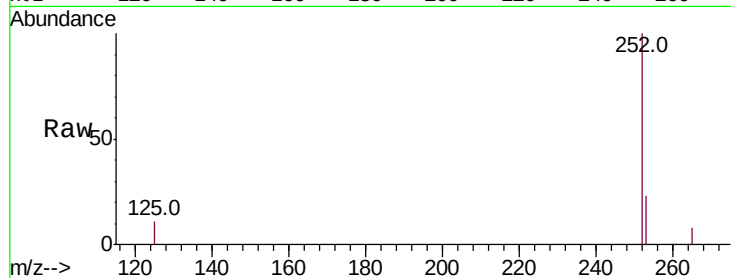
Tot Ion:252 Resp: 44095

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

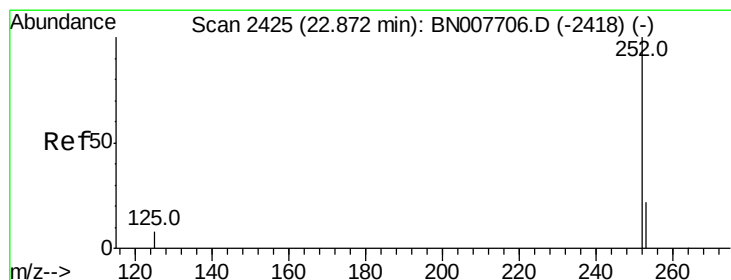
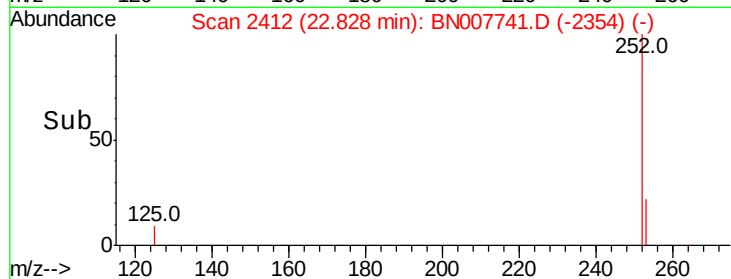
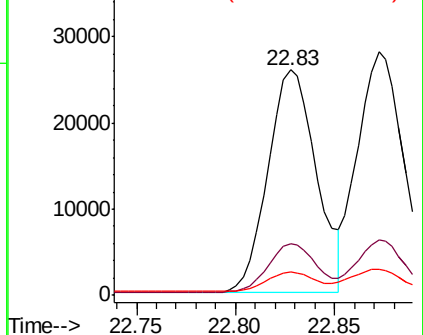
125 10.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.409 ng

RT: 22.87 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

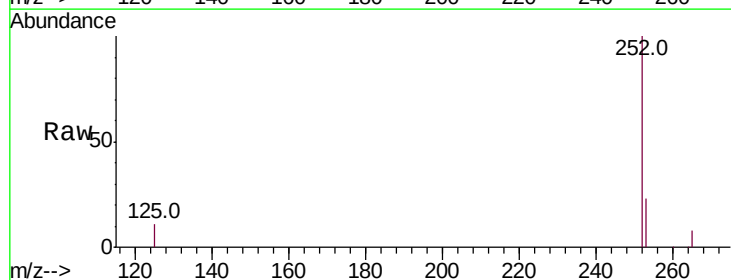
Tgt Ion:252 Resp: 46296

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

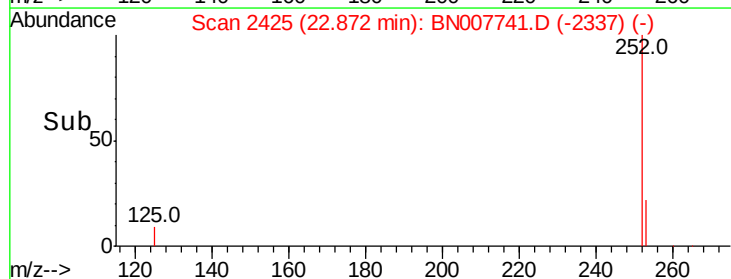
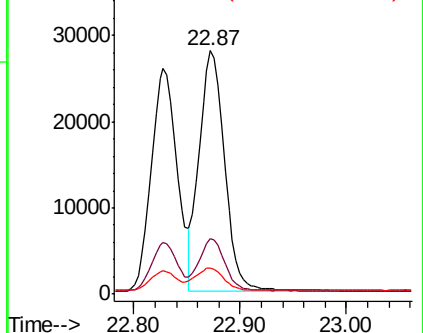
125 10.7 8.4 12.6

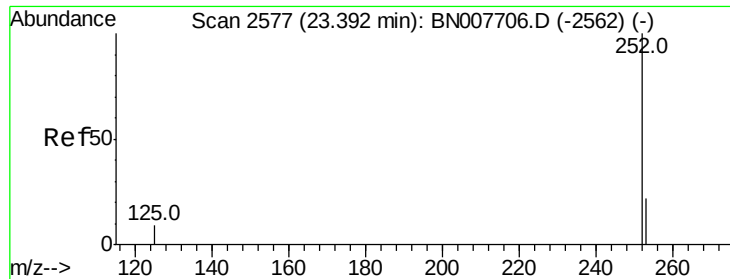


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.40 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :

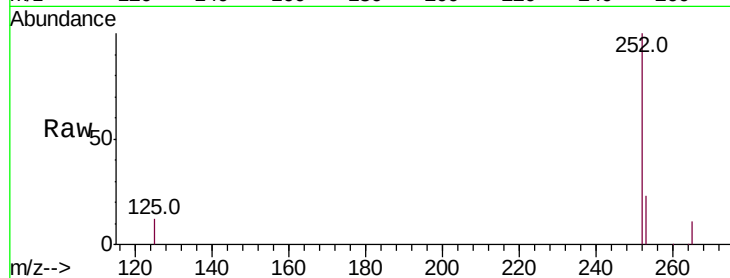
Tot Ion:252 Resp: 38922

Ion Ratio Lower Upper

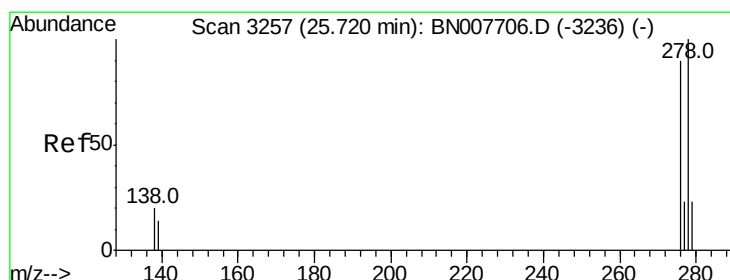
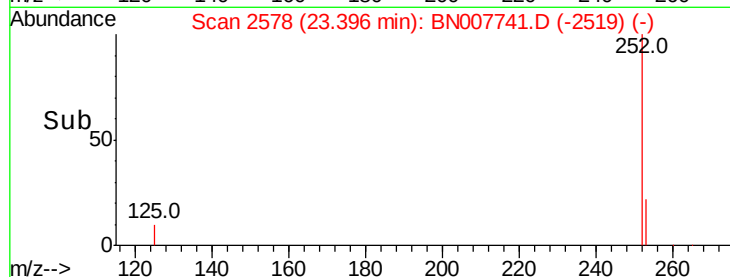
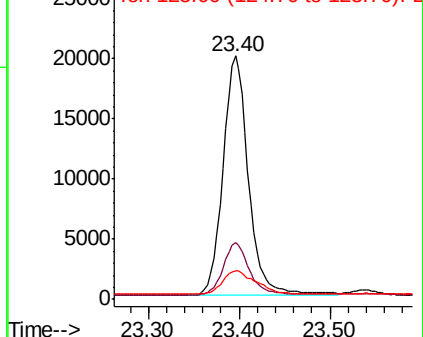
252 100

253 23.1 18.6 27.8

125 11.8 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: 0.382 ng

RT: 25.72 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

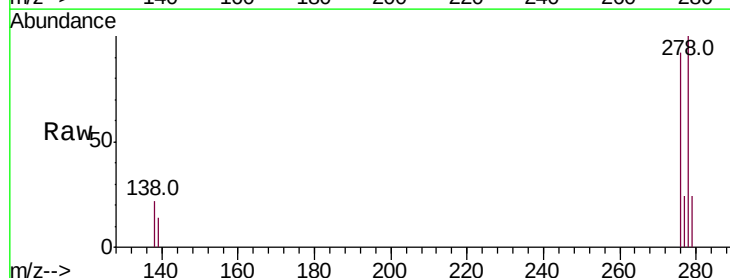
Tgt Ion:278 Resp: 41955

Ion Ratio Lower Upper

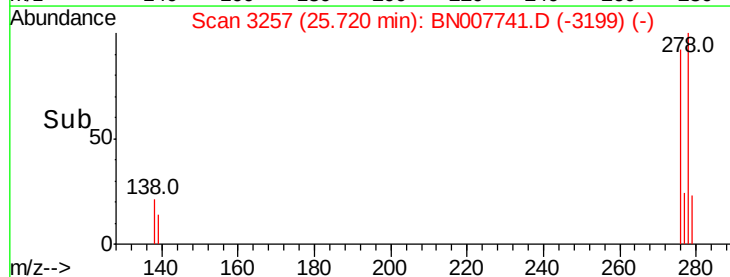
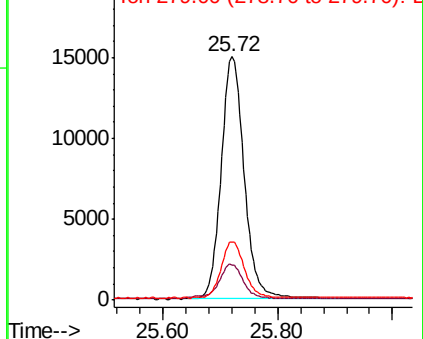
278 100

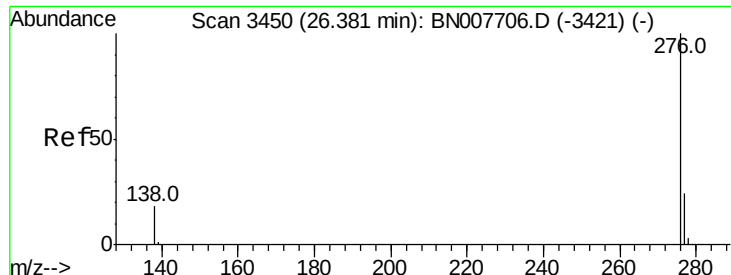
139 14.5 11.8 17.6

279 24.1 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: 0.376 ng

RT: 26.38 min Scan# 3450

Delta R.T. -0.00 min

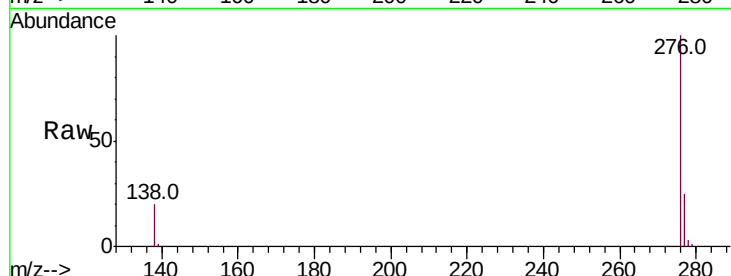
Lab File: BN007741.D

Acq: 19 Sep 2019 15:12

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 40912

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 19.6 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

