

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007595.D
 Acq On : 11 Sep 2019 19:27
 Operator : HP/JU
 Sample : PB122940BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 12 06:40:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6567	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	26061	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	15170	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	32193	0.40	ng	0.00
27) Chrysene-d12	21.27	240	33808	0.40	ng	-0.02
34) Perylene-d12	23.50	264	36136	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	8186	0.41	ng	0.00
5) Phenol-d6	6.90	99	10606	0.40	ng	0.00
8) Nitrobenzene-d5	8.86	82	8835	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	18727	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	2253	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	25798	0.41	ng	0.00
25) Fluoranthene-d10	19.12	212	44260	0.42	ng	0.00
29) Terphenyl-d14	19.73	244	37191	0.42	ng	-0.01

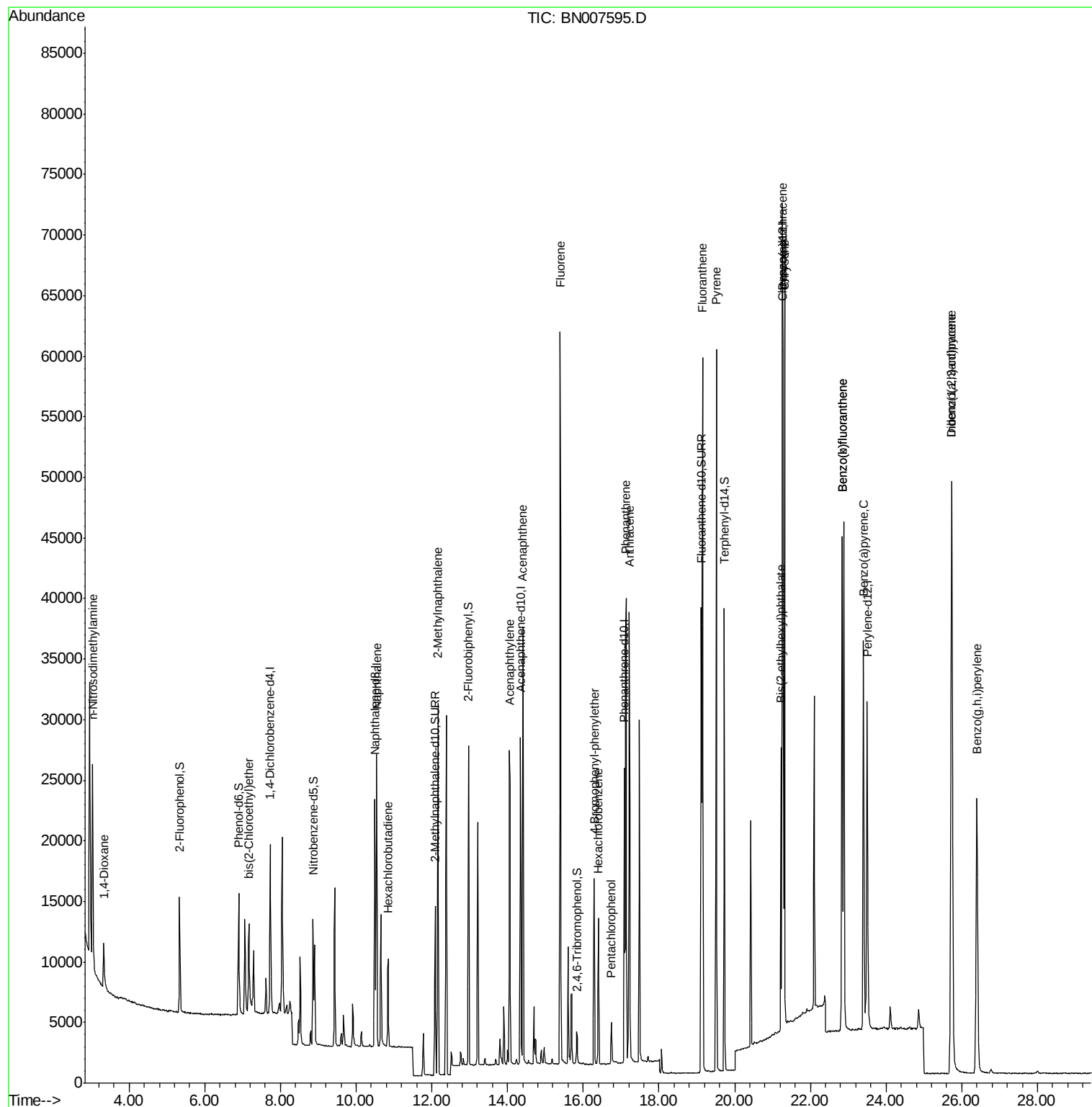
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	3190	0.507	ng	88
3) n-Nitrosodimethylamine	3.03	42	2104	0.536	ng	# 100
6) bis(2-Chloroethyl)ether	7.16	93	7588	0.588	ng	# 81
9) Naphthalene	10.54	128	31628	0.431	ng	99
10) Hexachlorobutadiene	10.85	225	6473	0.440	ng	# 99
12) 2-Methylnaphthalene	12.16	142	21218	0.413	ng	99
16) Acenaphthylene	14.05	152	30888	0.379	ng	100
17) Acenaphthene	14.40	154	20128	0.391	ng	100
18) Fluorene	15.39	166	25743	0.380	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	8379	0.440	ng	# 91
21) Hexachlorobenzene	16.40	284	8972	0.448	ng	99
22) Pentachlorophenol	16.74	266	2247	0.512	ng	98
23) Phenanthrene	17.13	178	42712	0.430	ng	100
24) Anthracene	17.22	178	38313	0.418	ng	100
26) Fluoranthene	19.15	202	51115	0.424	ng	100
28) Pyrene	19.51	202	51726	0.426	ng	100
30) Benzo(a)anthracene	21.26	228	49664	0.411	ng	99
31) Chrysene	21.31	228	52464	0.427	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	19265	0.465	ng	98
33) Indeno(1,2,3-cd)pyrene	25.73	276	58622	0.451	ng	# 100
35) Benzo(b)fluoranthene	22.84	252	51165	0.398	ng	100
36) Benzo(k)fluoranthene	22.84	252	51165	0.403	ng	99
37) Benzo(a)pyrene	23.40	252	46633	0.408	ng	99
38) Dibenzo(a,h)anthracene	25.74	278	48581	0.424	ng	99
39) Benzo(g,h,i)perylene	26.40	276	47486	0.409	ng	100

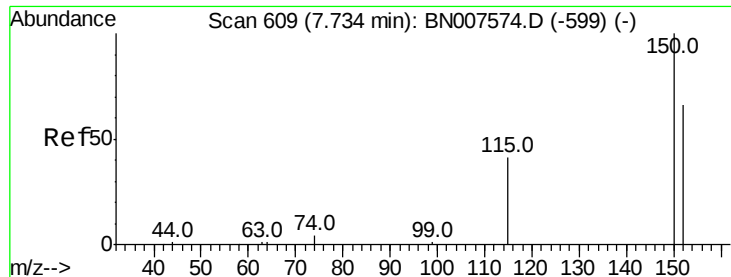
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007595.D
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Quant Time: Sep 12 06:40:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

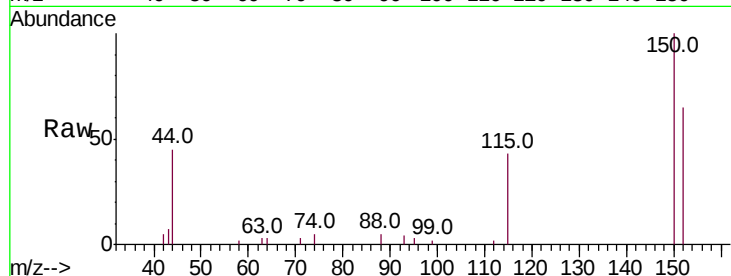
Tot Ion:152 Resp: 6567

Ion Ratio Lower Upper

152 100

150 154.5 119.5 179.3

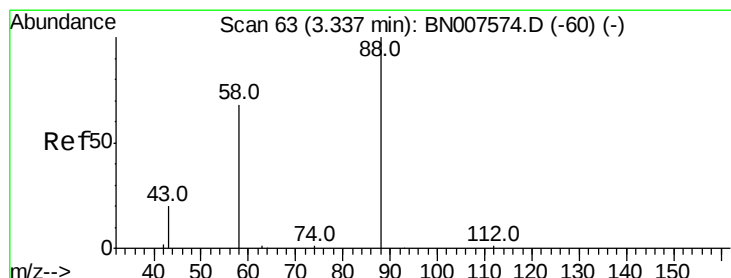
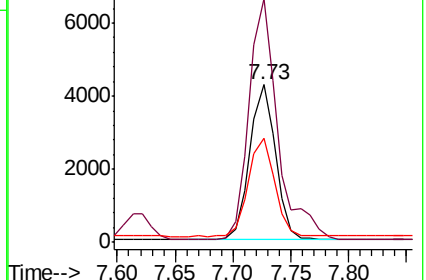
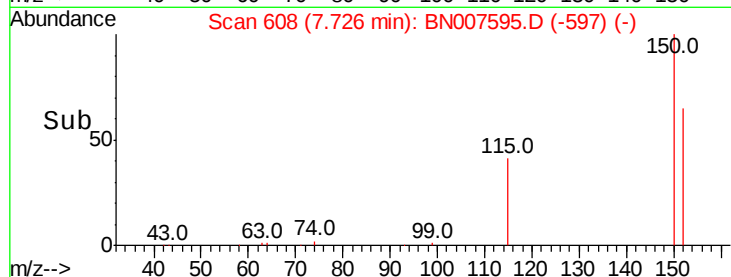
115 65.9 53.0 79.6



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: 0.507 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

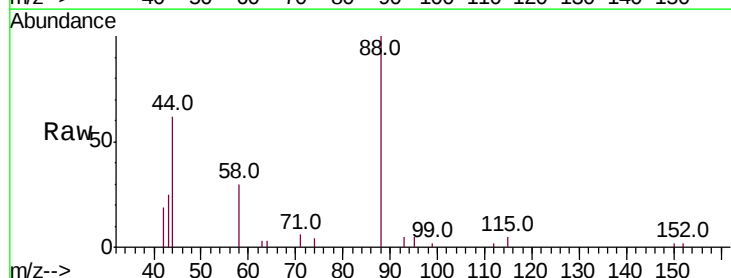
Tgt Ion: 88 Resp: 3190

Ion Ratio Lower Upper

88 100

58 67.6 64.6 96.8

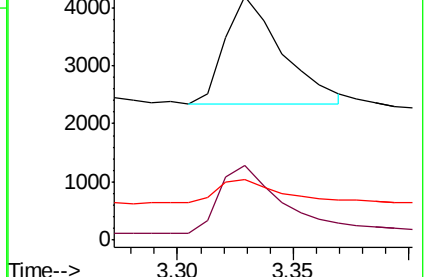
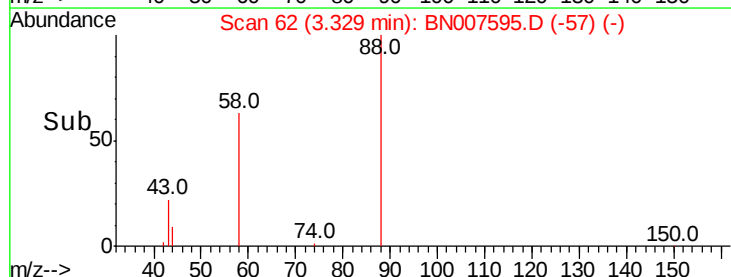
43 23.1 19.2 28.8

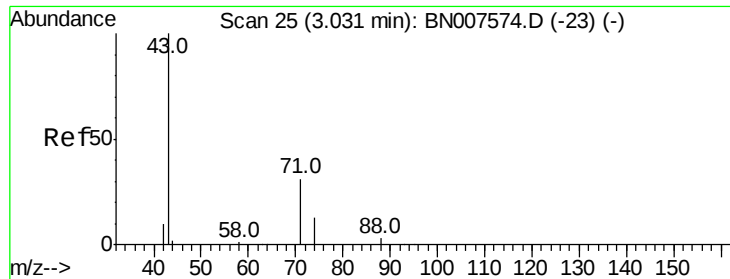


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.536 ng

RT: 3.03 min Scan# 25

Delta R.T. 0.00 min

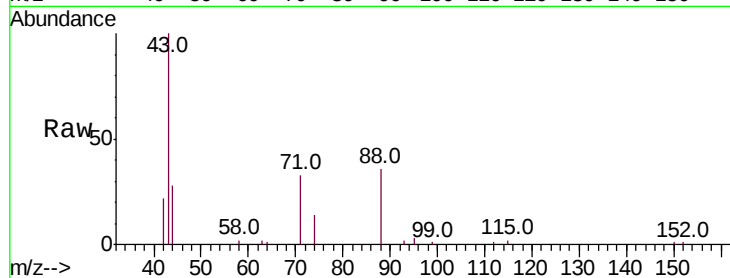
Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 2104

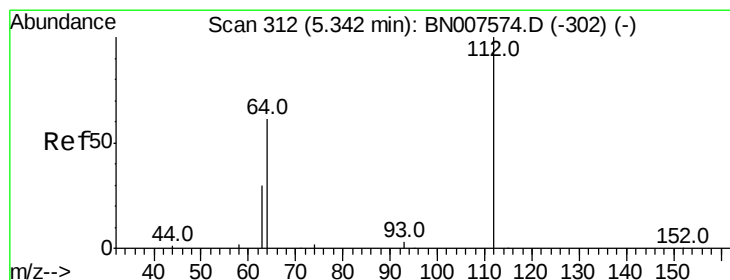
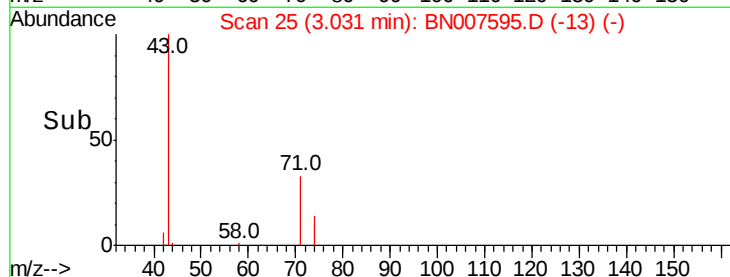
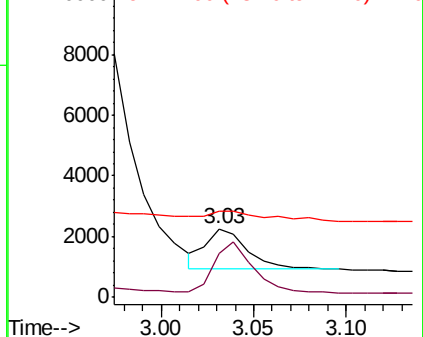
Ion	Ratio	Lower	Upper
42	100		
74	114.6	0.0	0.0#
44	37.1	0.0	0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.409 ng

RT: 5.34 min Scan# 312

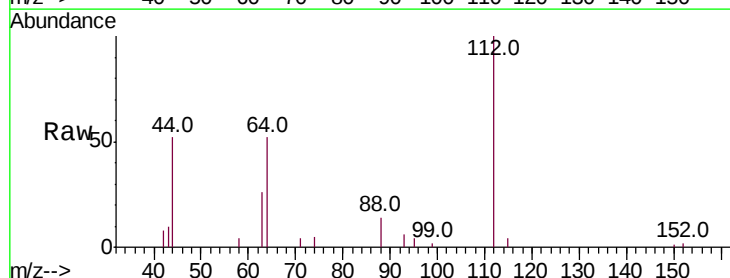
Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Tgt Ion: 112 Resp: 8186

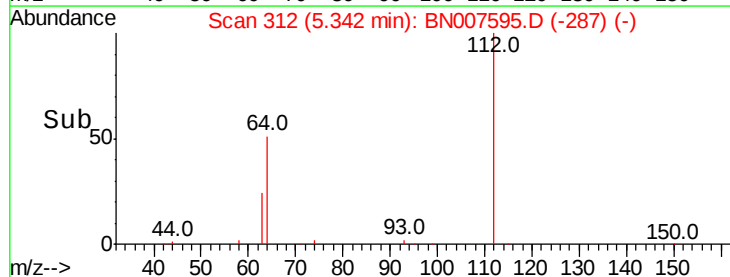
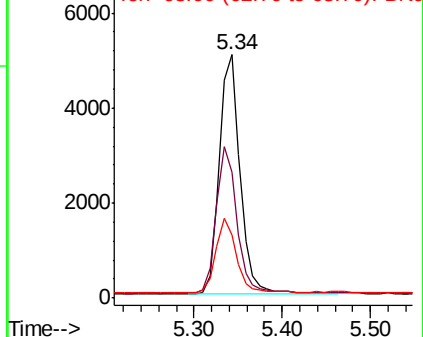
Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.2	73.8
63	30.0	26.0	39.0

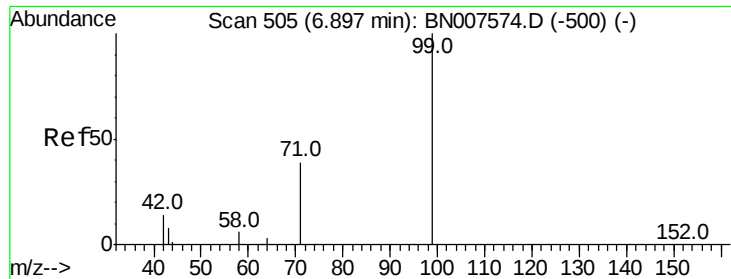


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.395 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampled :

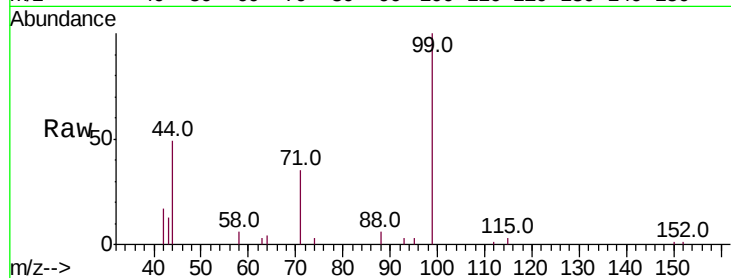
Tot Ion: 99 Resp: 10606

Ion Ratio Lower Upper

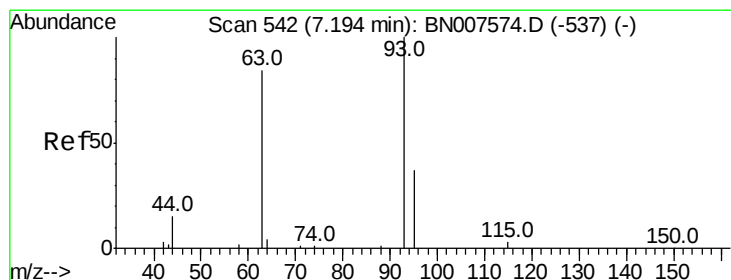
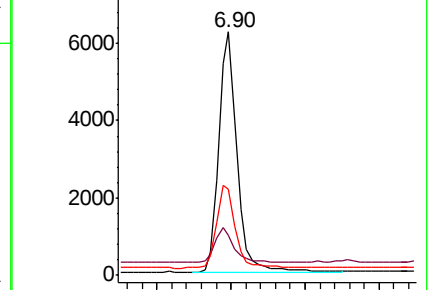
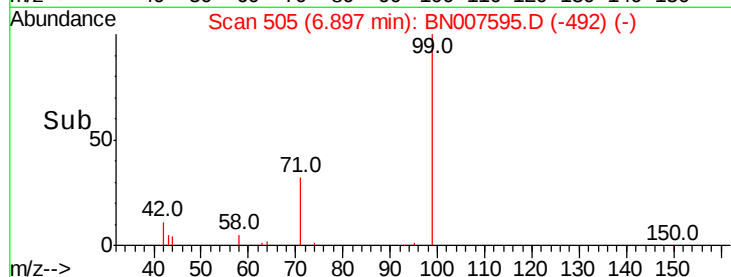
99 100

42 15.2 11.8 17.8

71 35.8 28.8 43.2



Abundance Ion 99.00 (98.70 to 99.70): BN007574.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.588 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.03 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

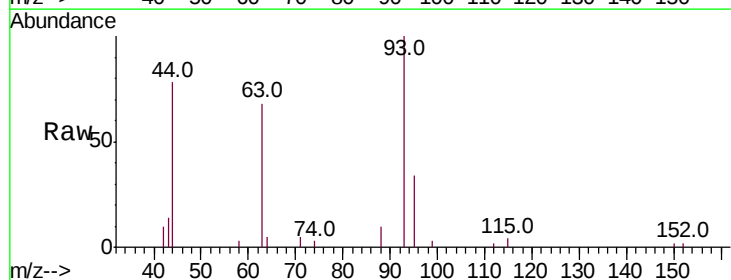
Tgt Ion: 93 Resp: 7588

Ion Ratio Lower Upper

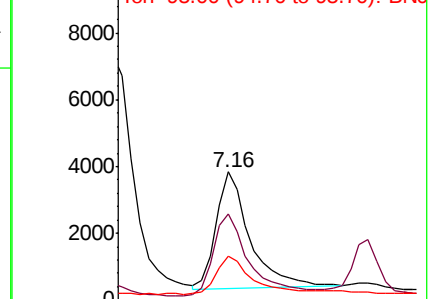
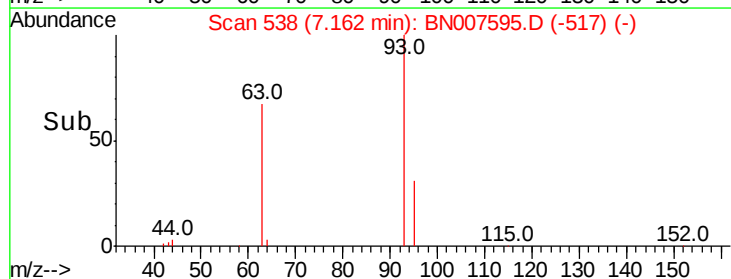
93 100

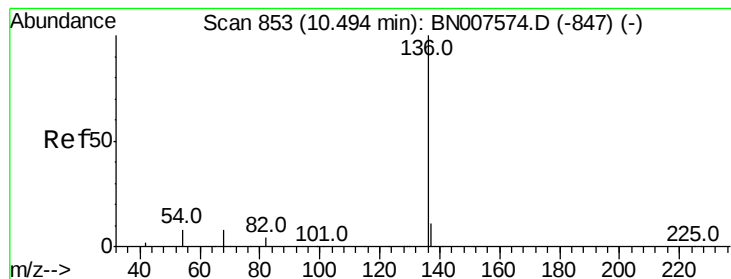
63 74.8 69.8 104.6

95 34.1 42.8 64.2#



Abundance Ion 93.00 (92.70 to 93.70): BN007574.D (-537) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 26061

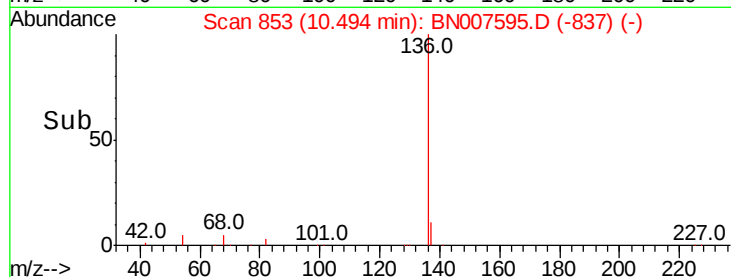
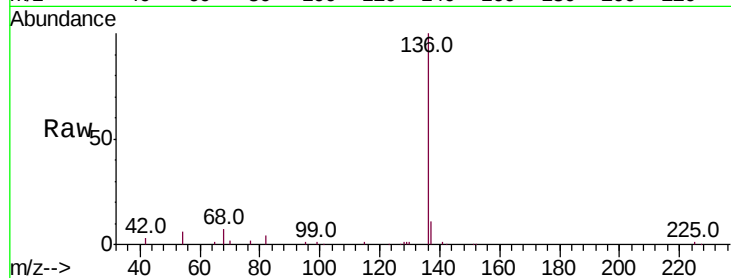
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.0 7.5 11.3#

68 6.8 7.9 11.9#

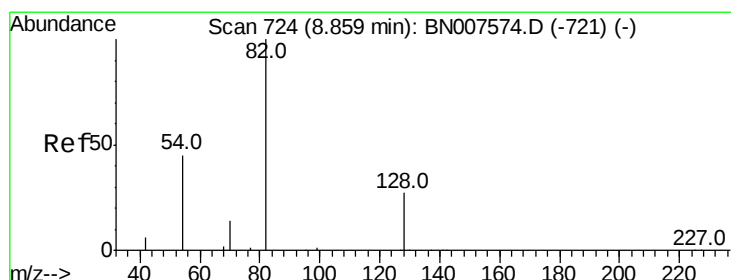
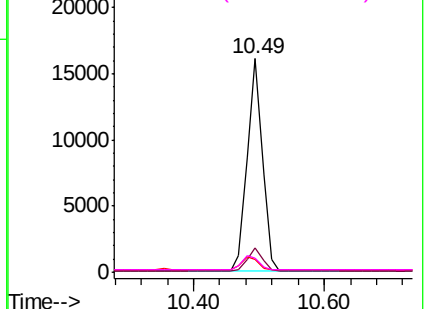


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.557 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

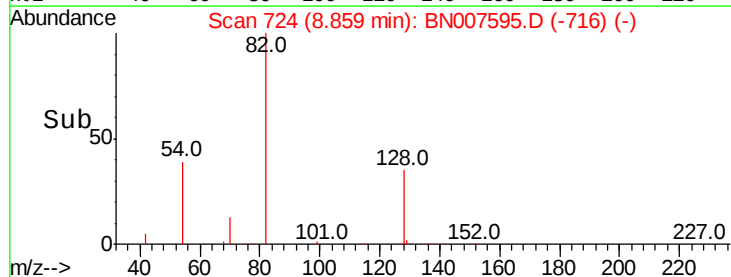
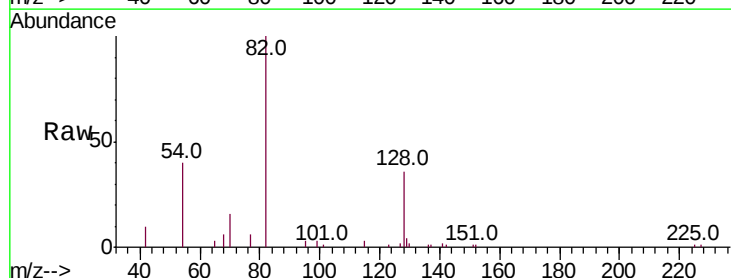
Tgt Ion: 82 Resp: 8835

Ion Ratio Lower Upper

82 100

128 35.8 23.4 35.2#

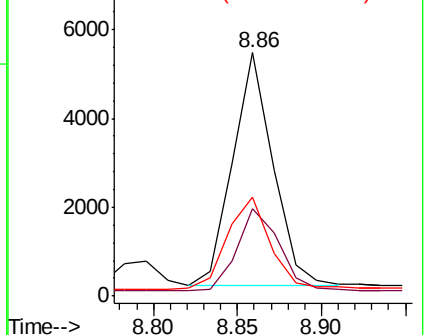
54 40.5 38.2 57.2

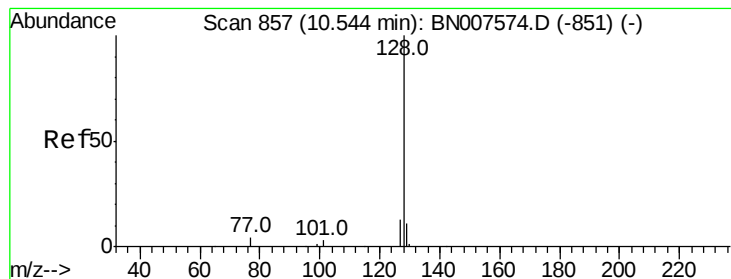


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.431 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

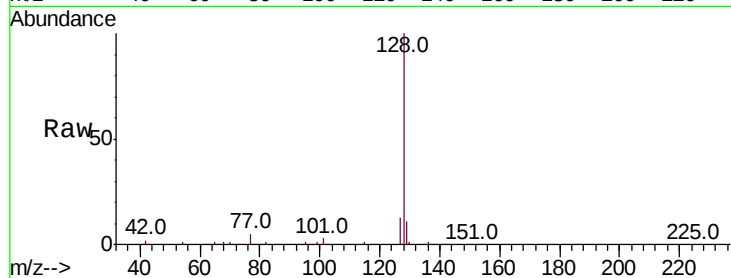
Tot Ion:128 Resp: 31628

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

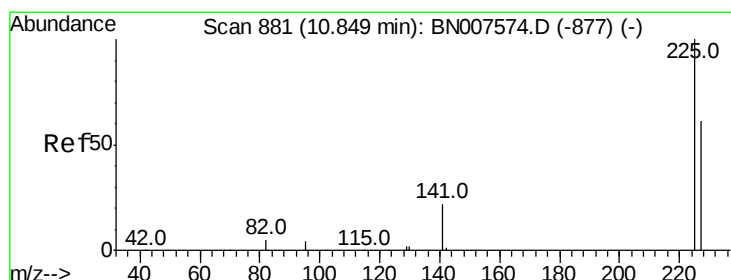
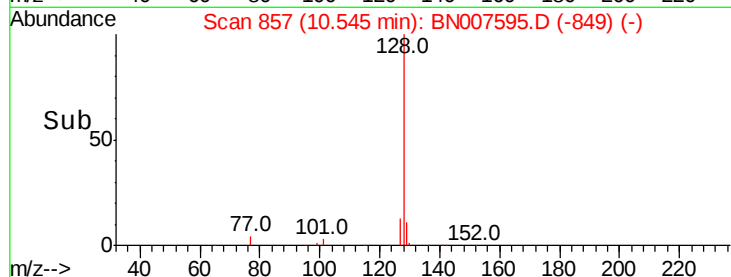
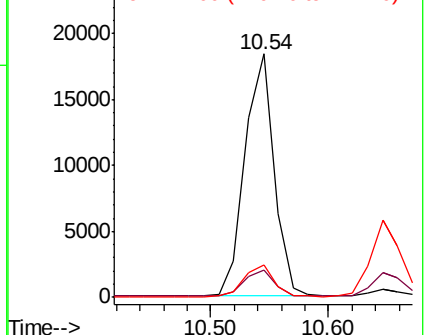
127 13.1 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.440 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

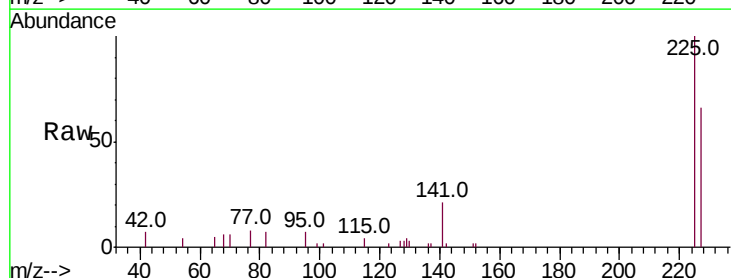
Tgt Ion:225 Resp: 6473

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

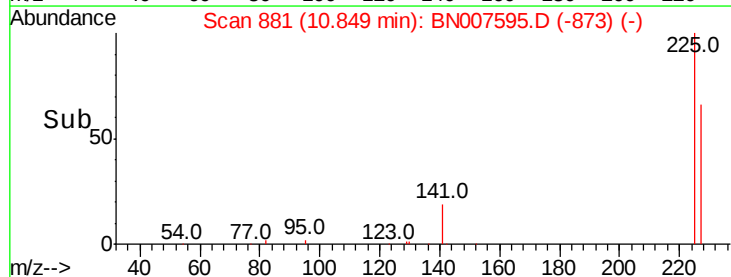
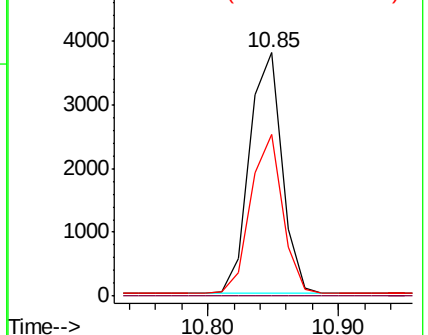
227 64.1 50.4 75.6

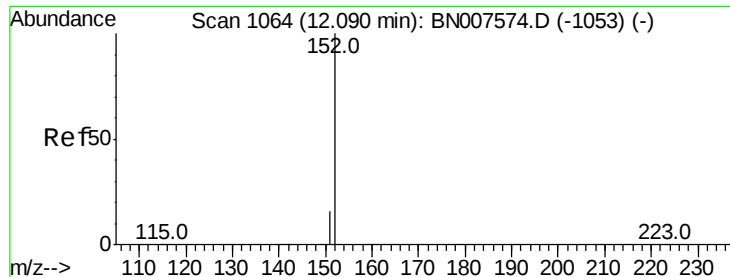


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

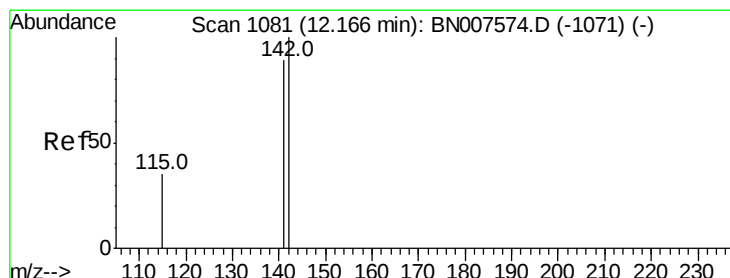
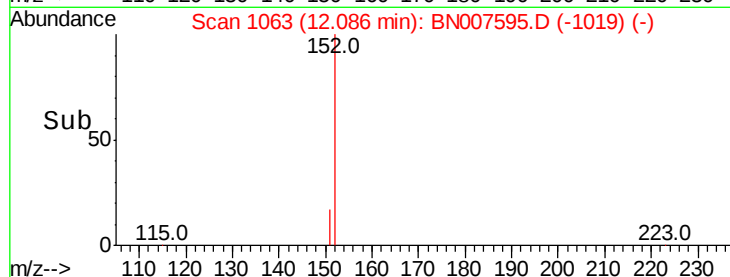
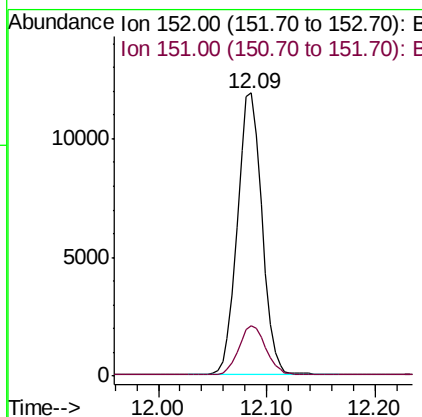
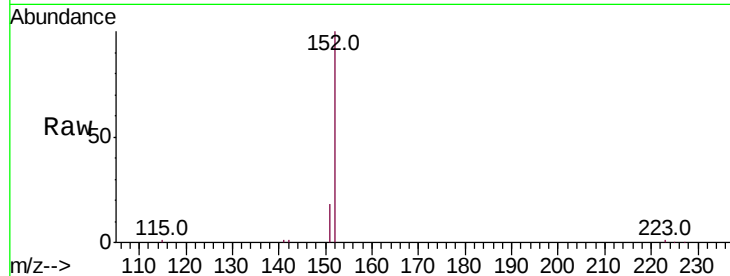




#11
 2-Methylnaphthalene-d10
 Concen: 0.416 ng
 RT: 12.09 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BN007595.D
 Acq: 11 Sep 2019 19:27

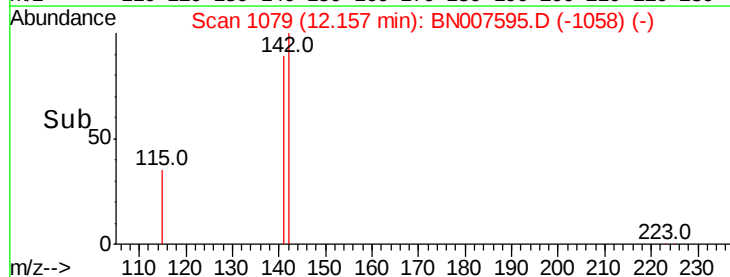
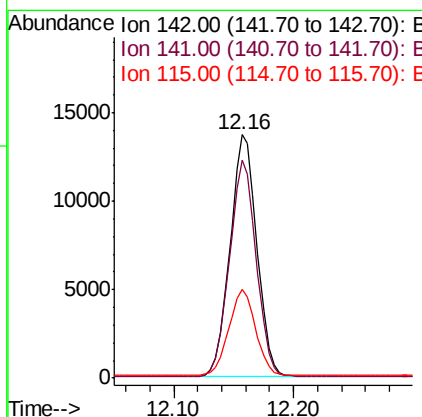
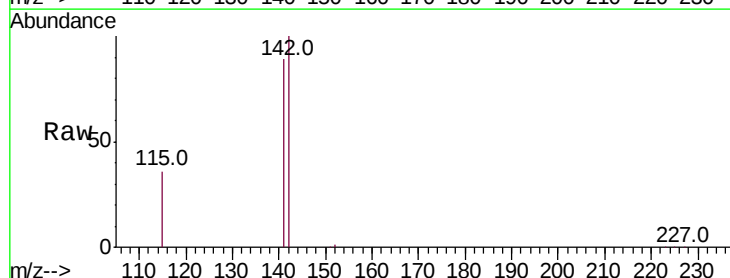
Instrument :
 BNA_N
 ClientSampleId :

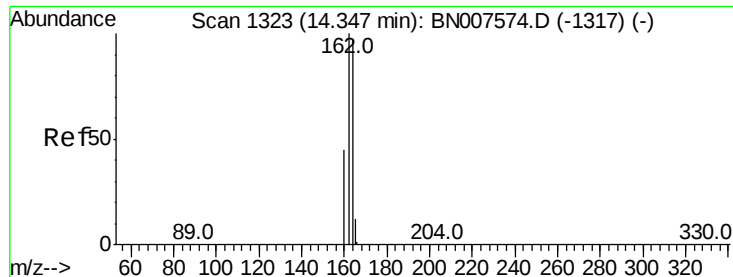
Tot Ion:152 Resp: 18727
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.413 ng
 RT: 12.16 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BN007595.D
 Acq: 11 Sep 2019 19:27

Tgt Ion:142 Resp: 21218
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 36.3 29.1 43.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampled :

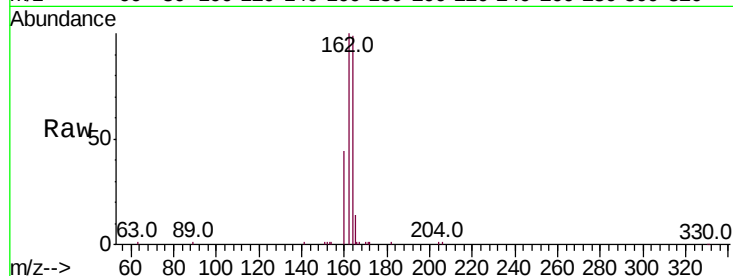
Tot Ion:164 Resp: 15170

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

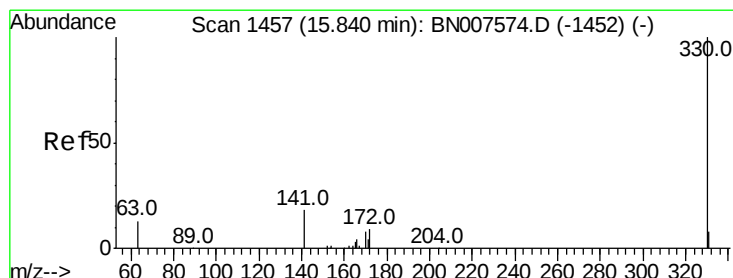
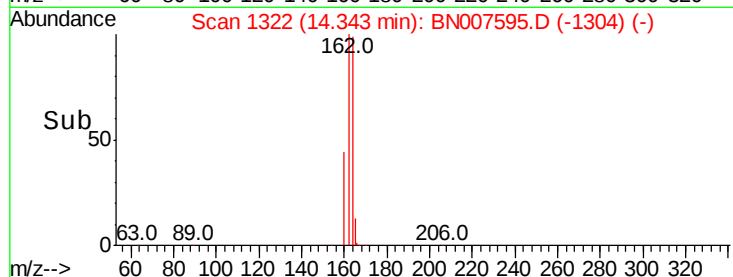
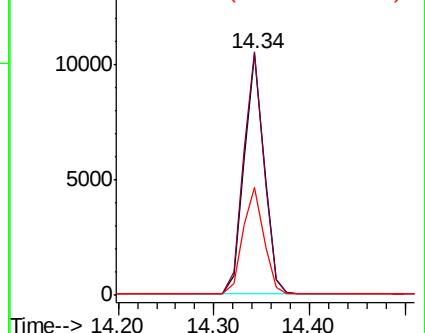
160 44.8 37.4 56.0



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: 0.391 ng

RT: 15.84 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

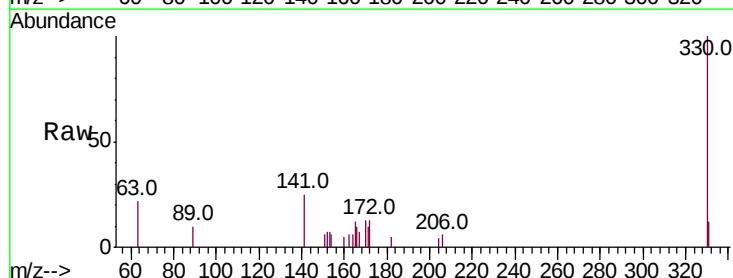
Tgt Ion:330 Resp: 2253

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

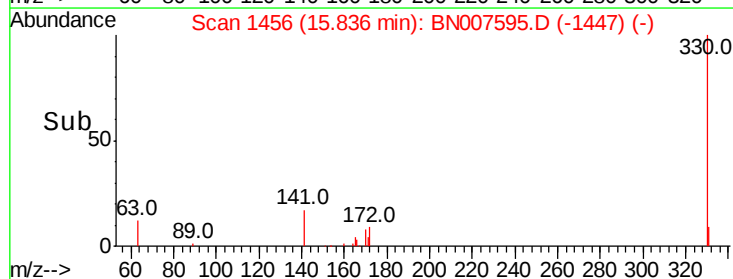
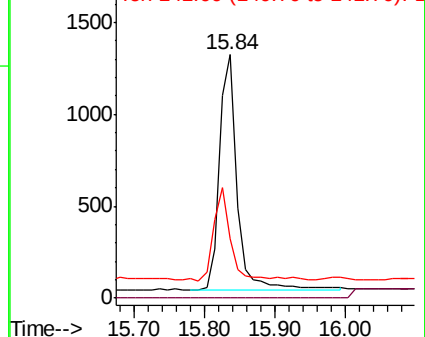
141 34.9 30.6 45.8

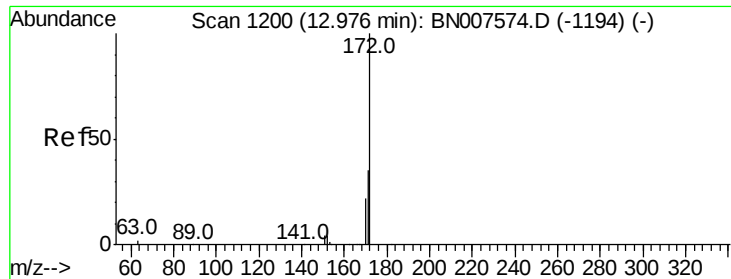


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

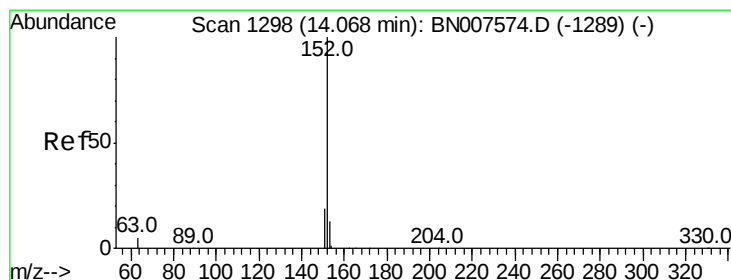
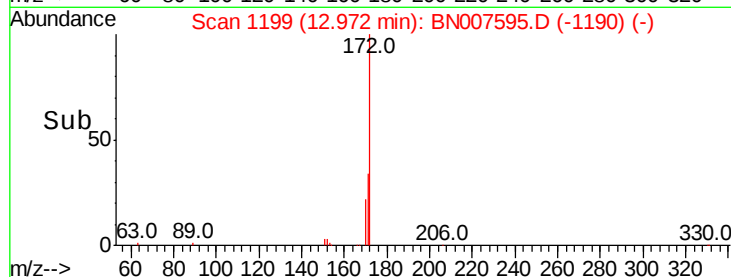
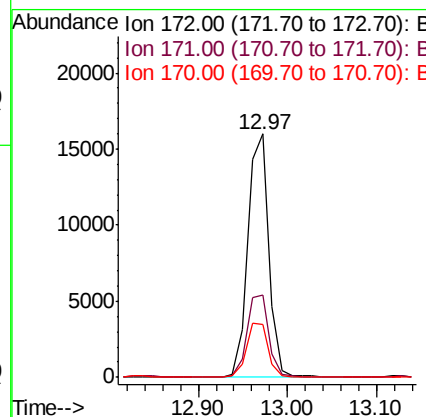
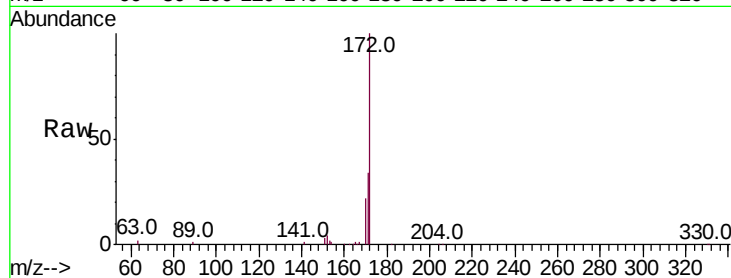




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

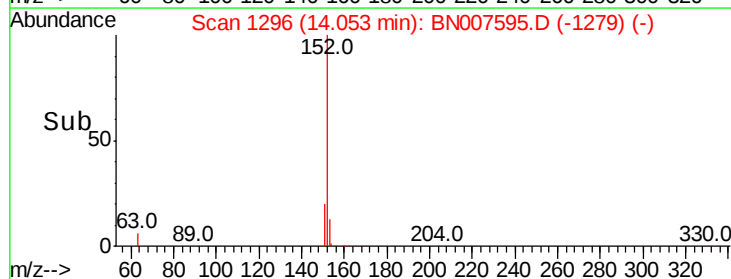
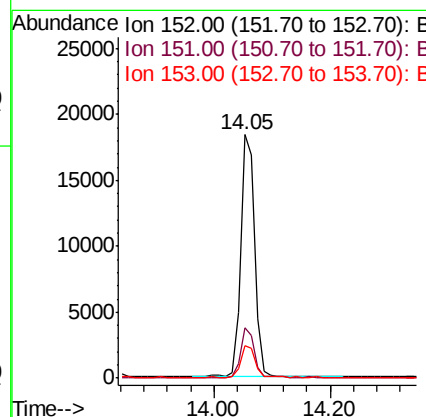
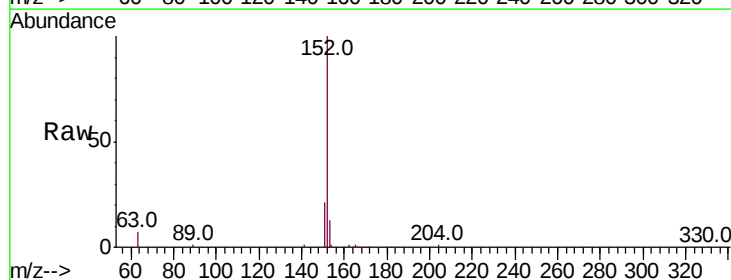
Instrument :
BNA_N
ClientSampleId :

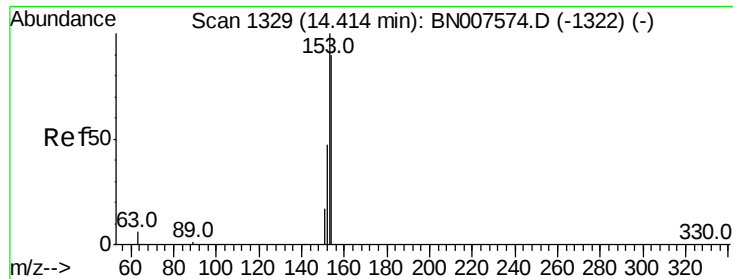
Tot Ion:172 Resp: 25798
Ion Ratio Lower Upper
172 100
171 34.1 28.2 42.2
170 21.8 18.3 27.5



#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BN007595.D
Acq: 11 Sep 2019 19:27

Tgt Ion:152 Resp: 30888
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.40 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

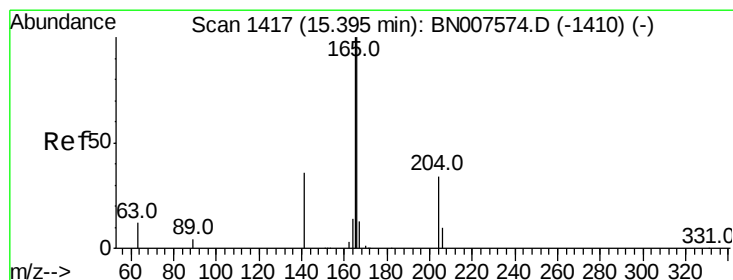
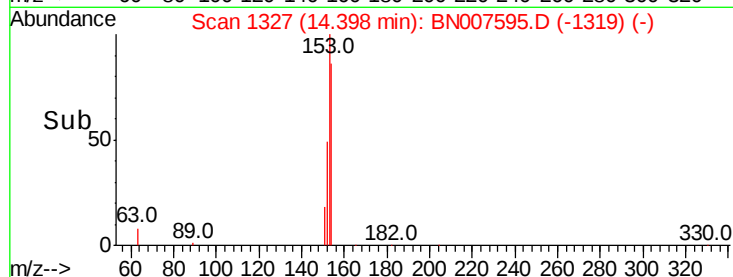
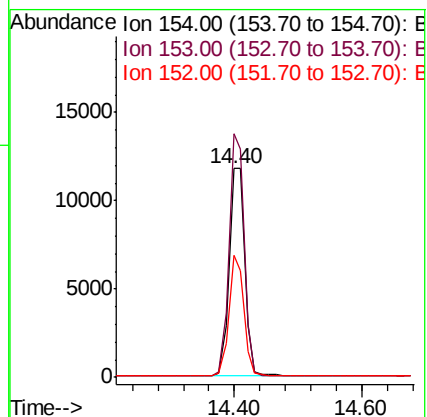
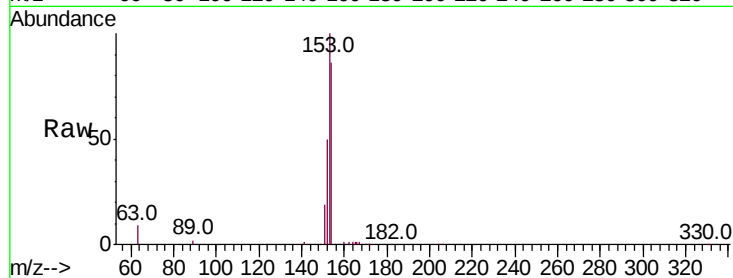
Tot Ion:154 Resp: 20128

Ion Ratio Lower Upper

154 100

153 111.9 89.4 134.2

152 54.9 43.4 65.0



#18

Fluorene

Concen: 0.380 ng

RT: 15.39 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

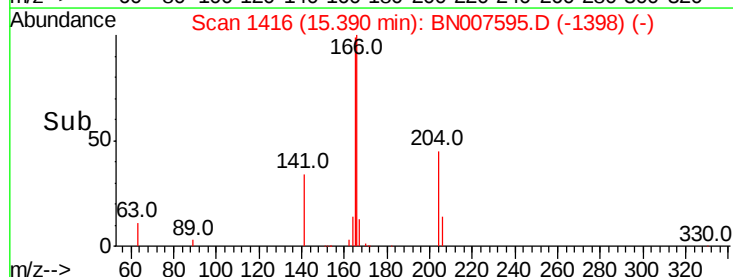
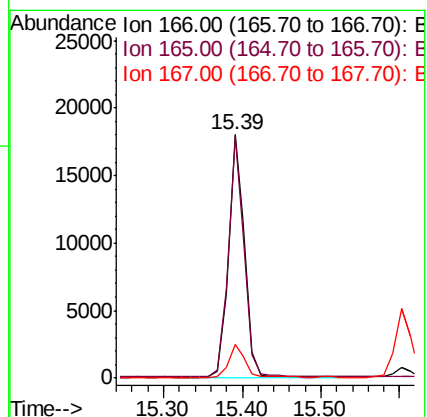
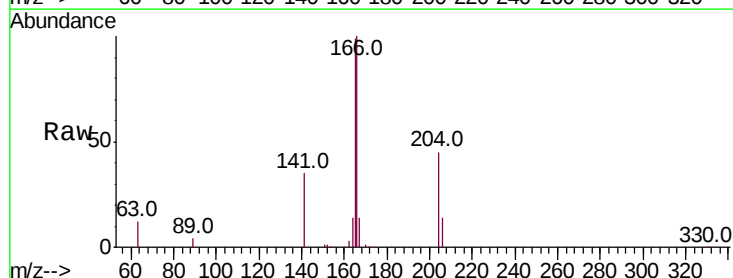
Tgt Ion:166 Resp: 25743

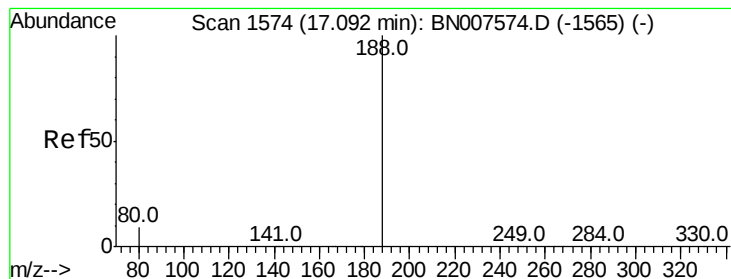
Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

167 13.4 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

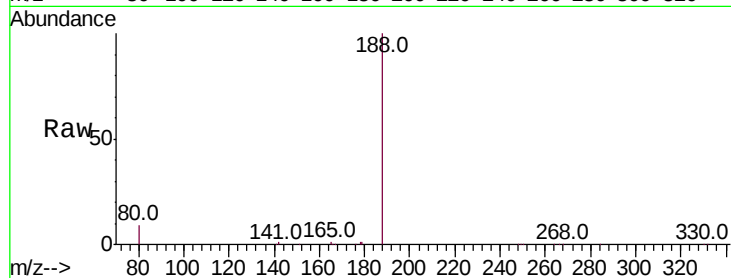
Tot Ion:188 Resp: 32193

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

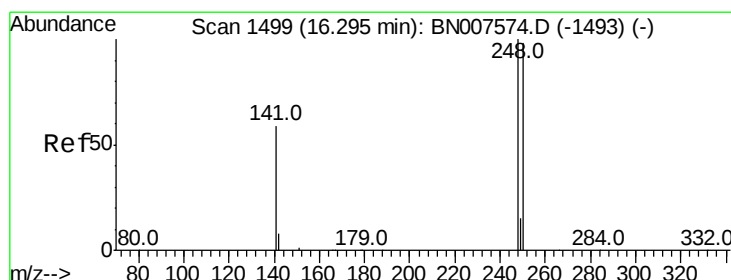
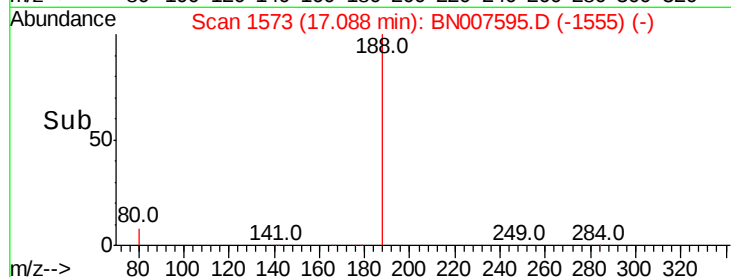
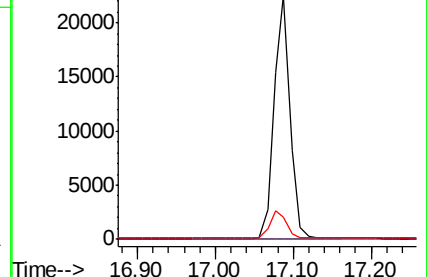
80 9.1 8.1 12.1



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: 0.440 ng

RT: 16.29 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

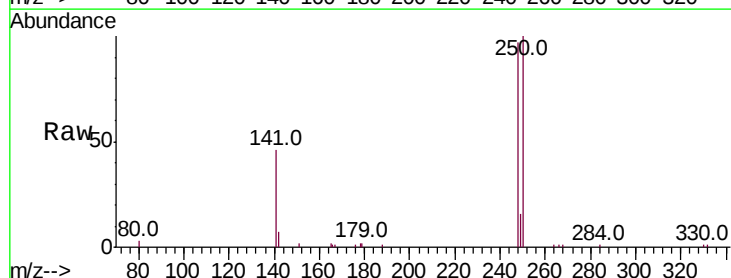
Tgt Ion:248 Resp: 8379

Ion Ratio Lower Upper

248 100

250 102.7 78.9 118.3

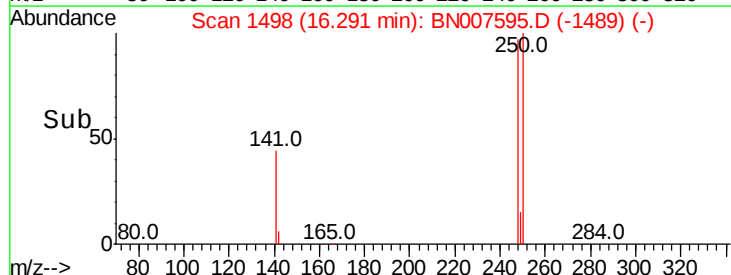
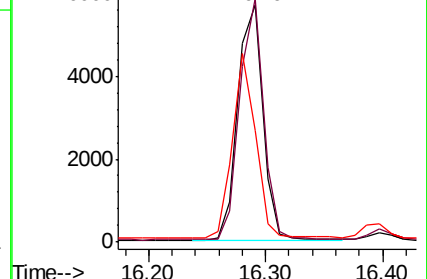
141 47.0 48.3 72.5#

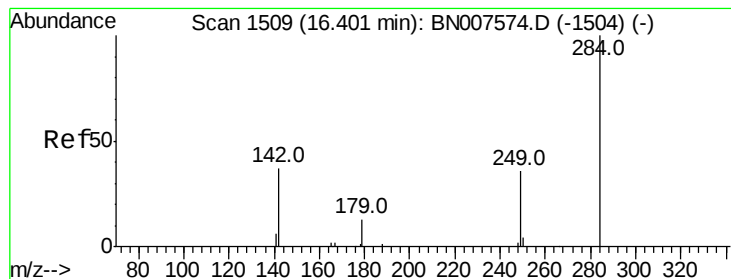


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.448 ng

RT: 16.40 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

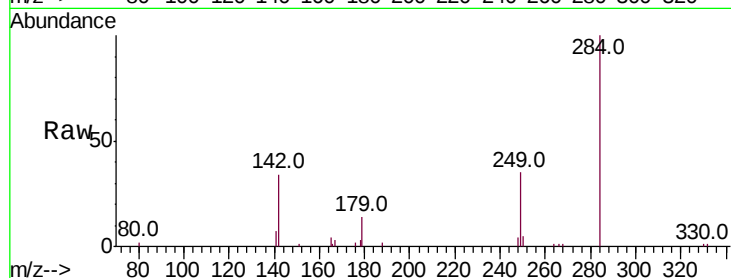
Tot Ion:284 Resp: 8972

Ion Ratio Lower Upper

284 100

142 34.0 27.9 41.9

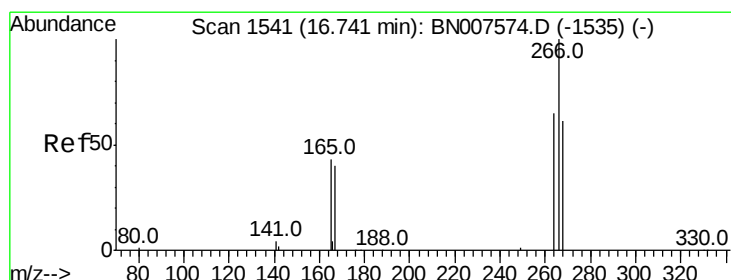
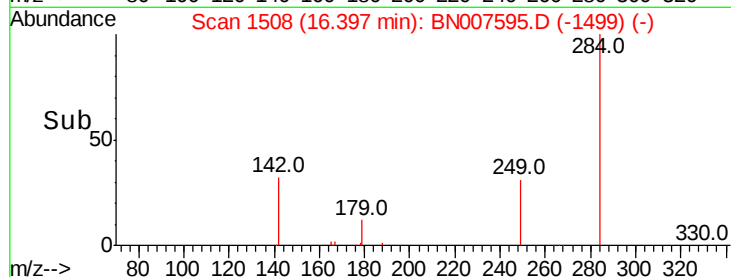
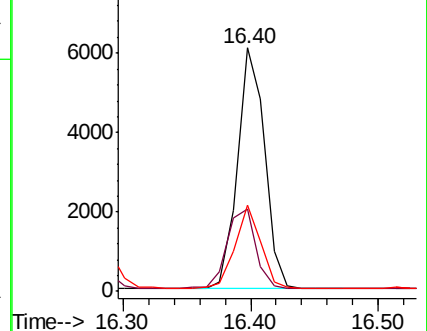
249 32.0 26.0 39.0



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: 0.512 ng

RT: 16.74 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

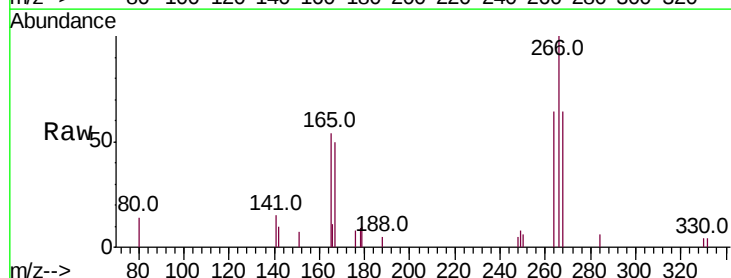
Tgt Ion:266 Resp: 2247

Ion Ratio Lower Upper

266 100

264 64.4 52.0 78.0

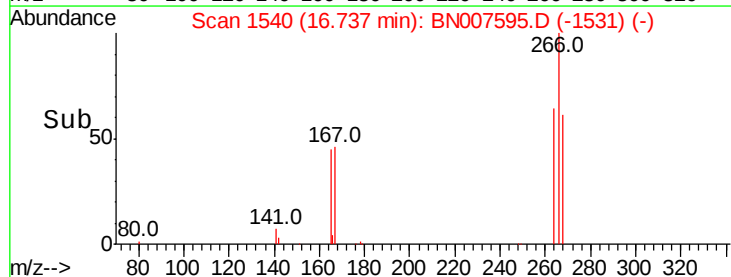
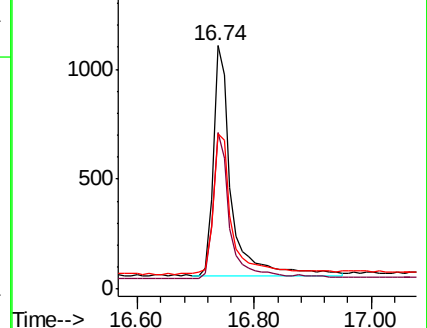
268 63.9 53.5 80.3

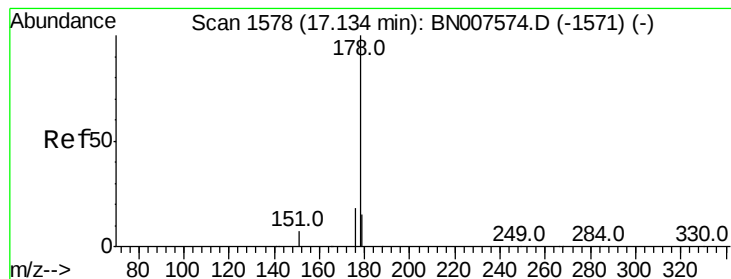


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.430 ng

RT: 17.13 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampled :

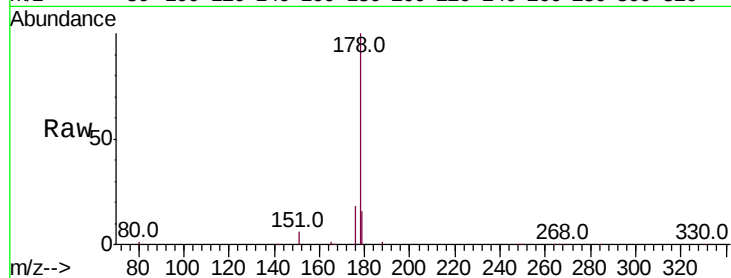
Tot Ion:178 Resp: 42712

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

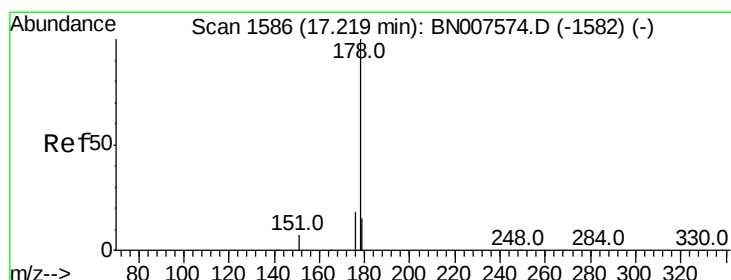
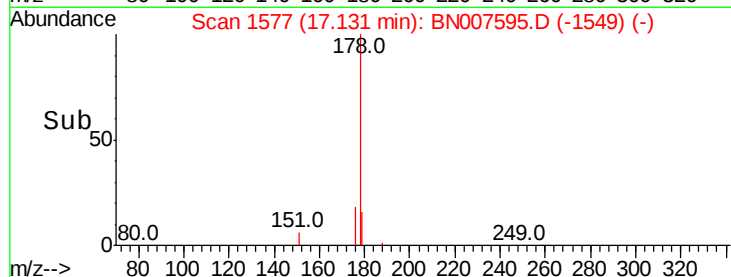
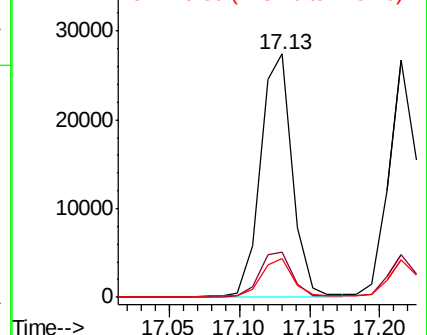
179 15.3 12.2 18.2



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: 0.418 ng

RT: 17.22 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

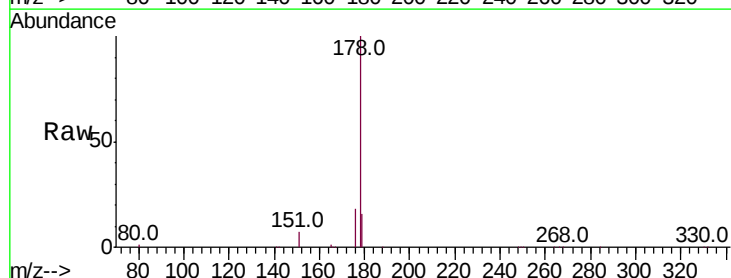
Tgt Ion:178 Resp: 38313

Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

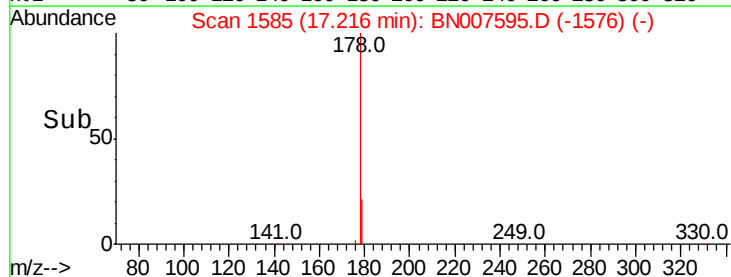
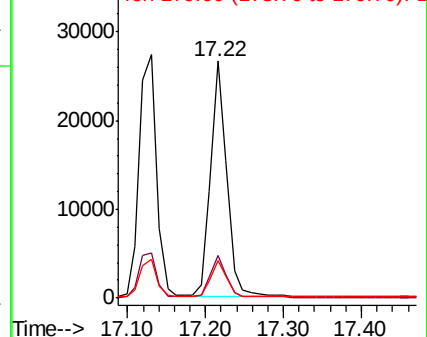
179 15.3 12.5 18.7

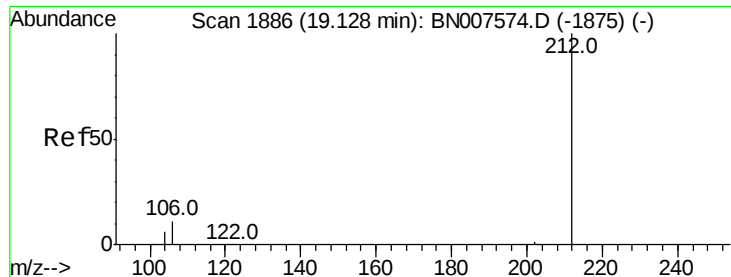


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 19.12 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

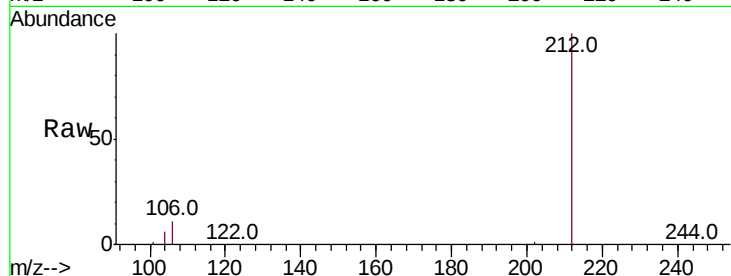
Tot Ion:212 Resp: 44260

Ion Ratio Lower Upper

212 100

106 12.0 9.7 14.5

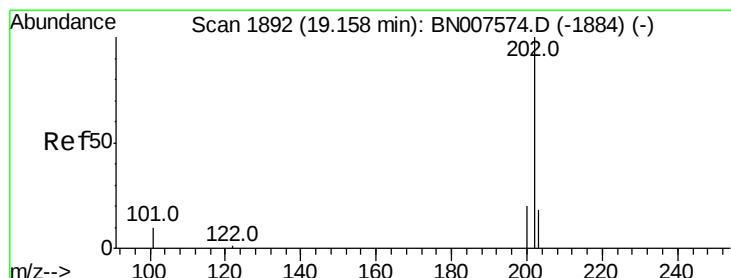
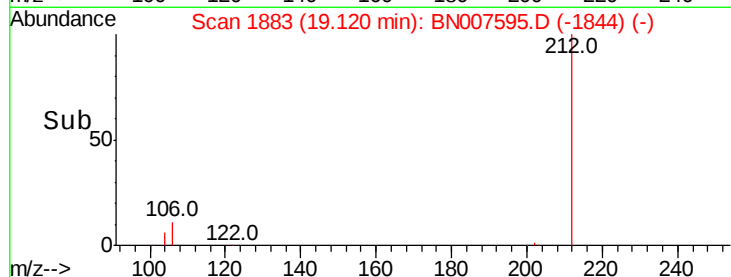
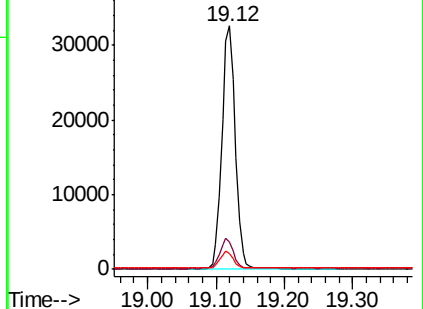
104 6.8 5.5 8.3



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: 0.424 ng

RT: 19.15 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

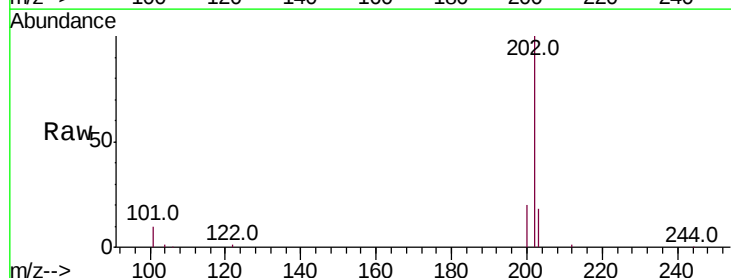
Tgt Ion:202 Resp: 51115

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

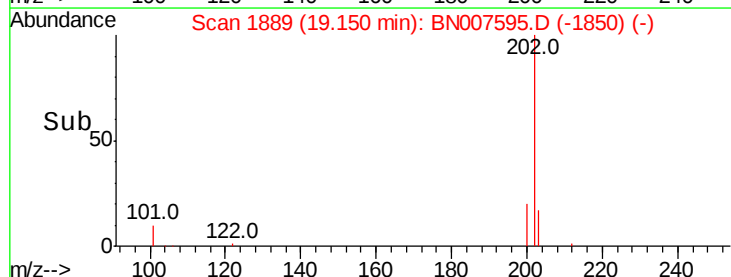
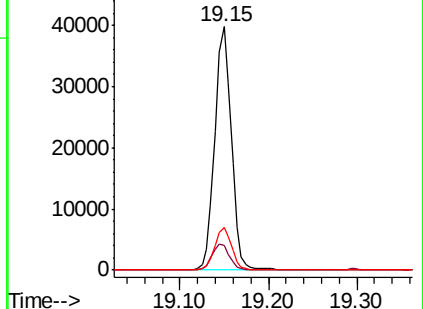
203 17.2 13.8 20.8

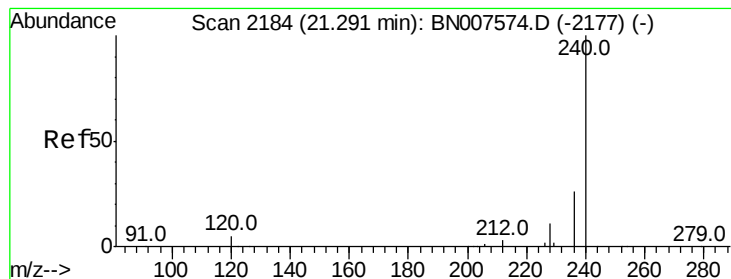


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

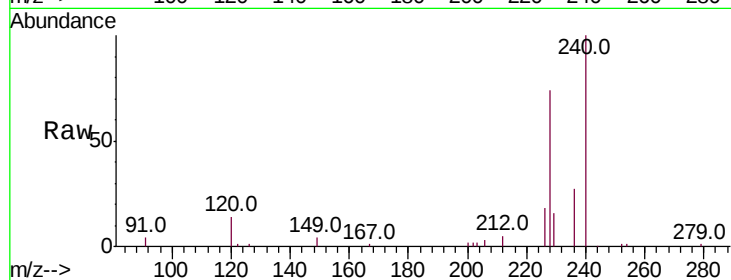
Tot Ion:240 Resp: 33808

Ion Ratio Lower Upper

240 100

120 13.5 5.0 7.4#

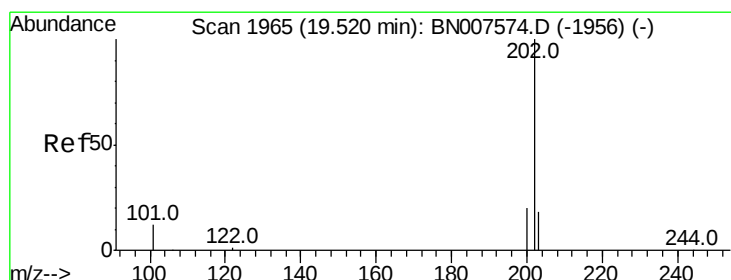
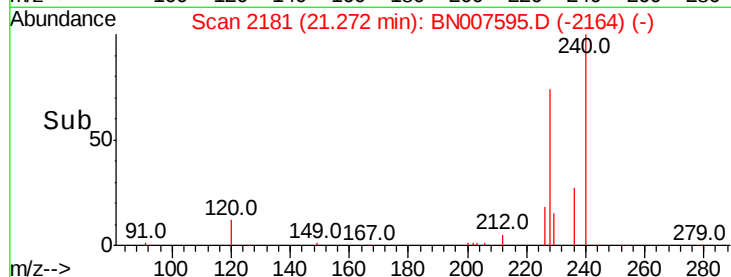
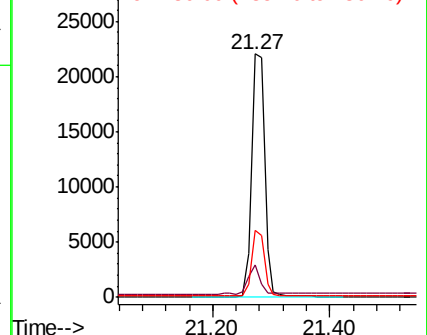
236 27.3 20.6 31.0



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: 0.426 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

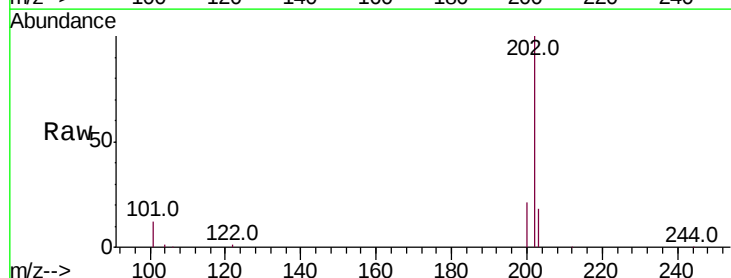
Tgt Ion:202 Resp: 51726

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

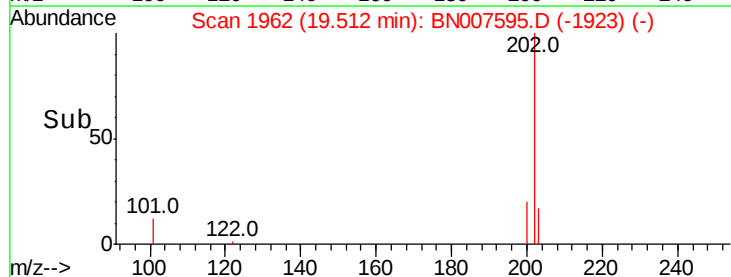
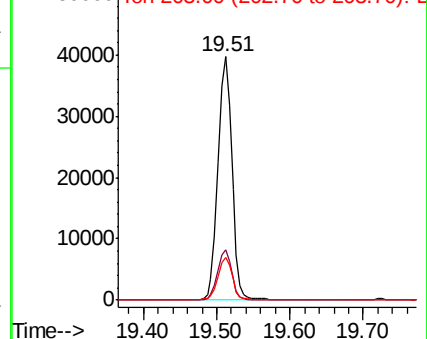
203 17.5 14.1 21.1

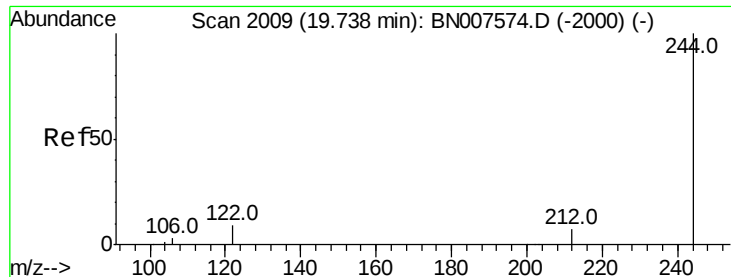


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

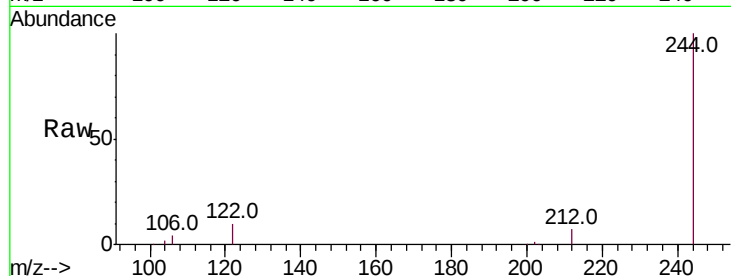
Tot Ion:244 Resp: 37191

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

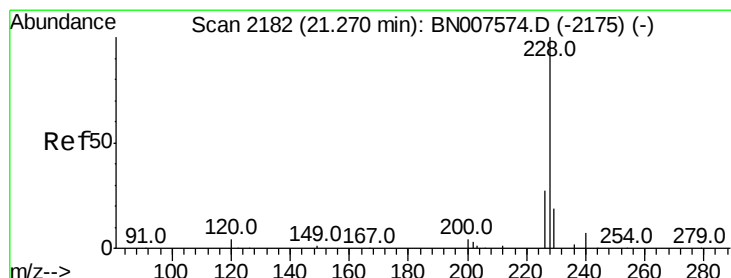
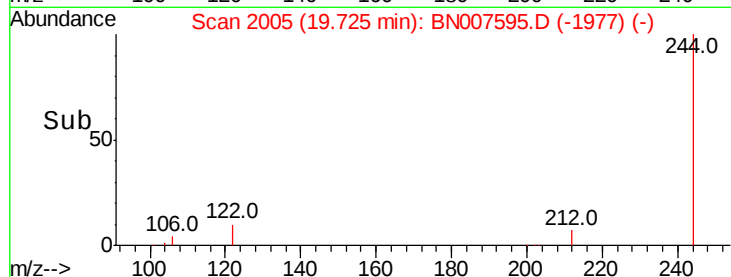
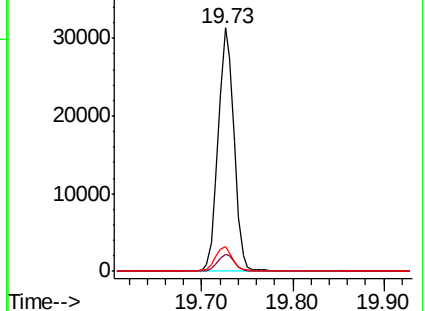
122 10.1 7.8 11.6



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: 0.411 ng

RT: 21.26 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

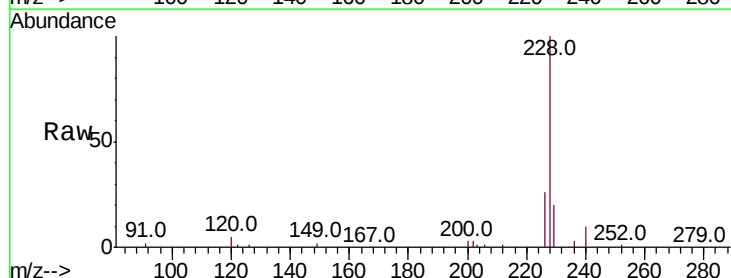
Tgt Ion:228 Resp: 49664

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

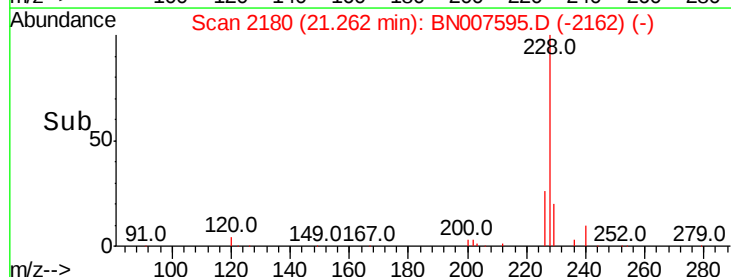
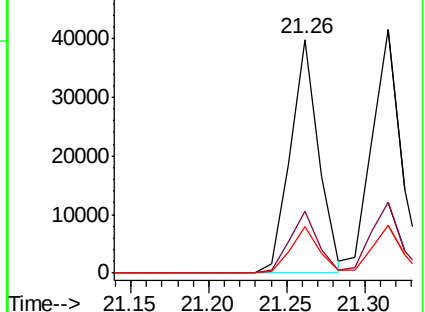
229 19.7 15.7 23.5

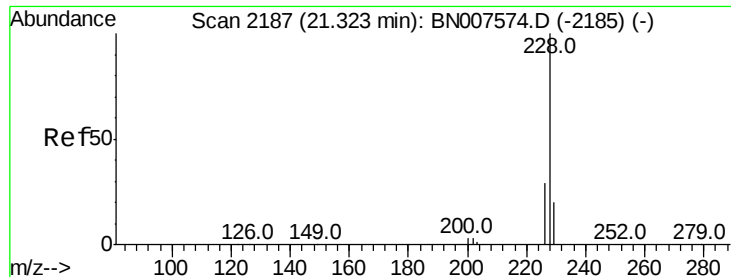


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.427 ng

RT: 21.31 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampled :

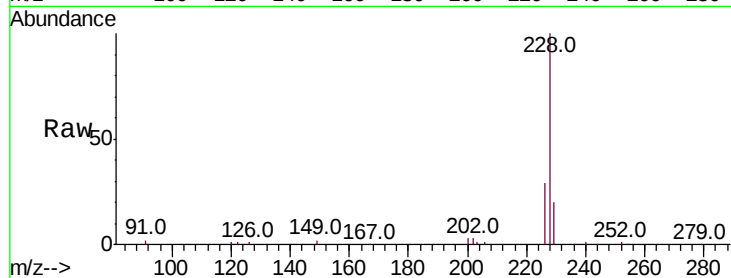
Tot Ion:228 Resp: 52464

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

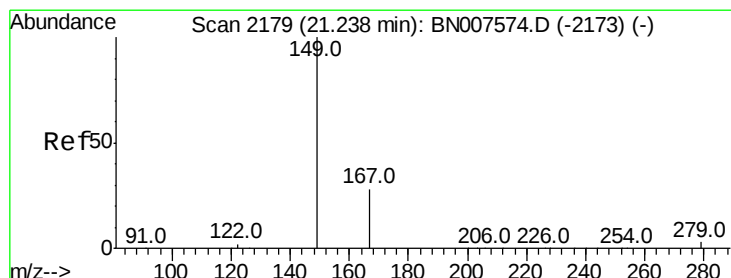
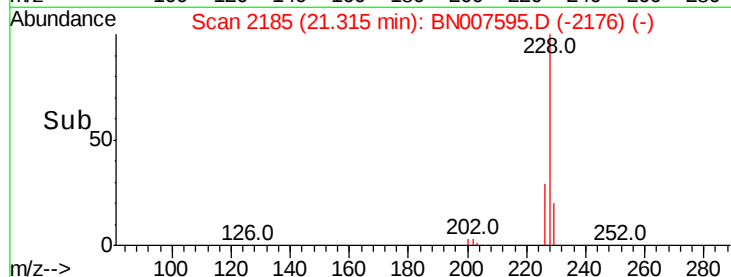
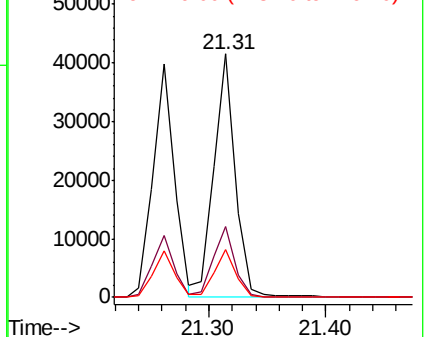
229 19.8 15.7 23.5



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: 0.465 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

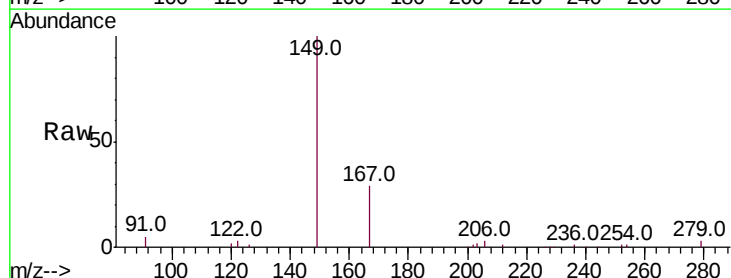
Tgt Ion:149 Resp: 19265

Ion Ratio Lower Upper

149 100

167 29.0 22.1 33.1

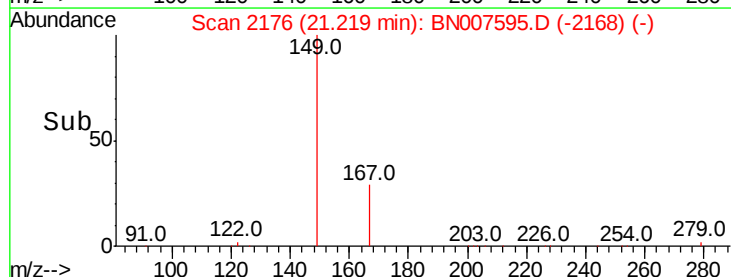
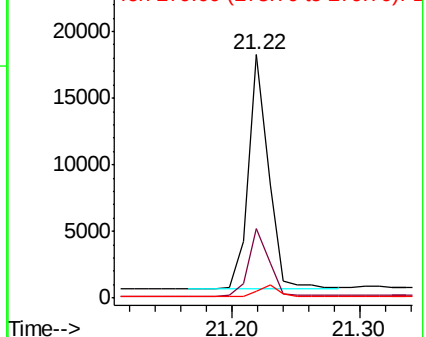
279 4.8 3.9 5.9

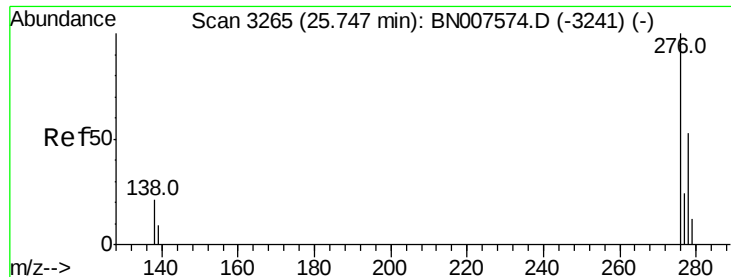


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.451 ng

RT: 25.73 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

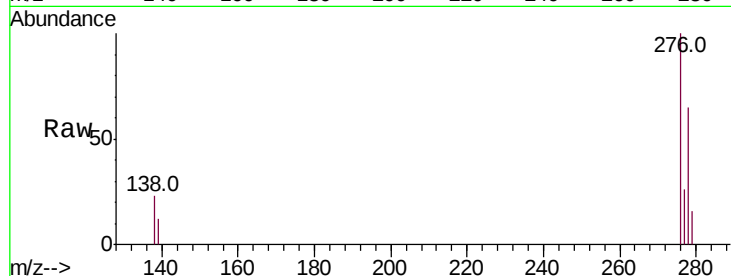
Tot Ion:276 Resp: 58622

Ion Ratio Lower Upper

276 100

138 22.7 0.0 0.0#

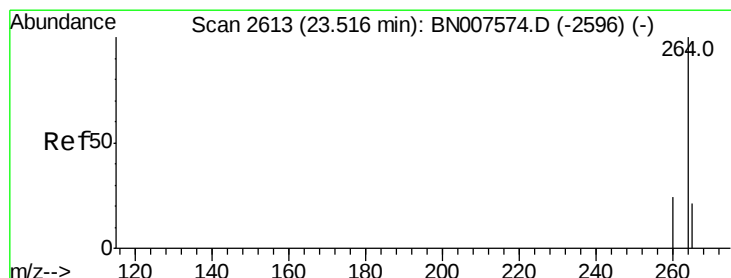
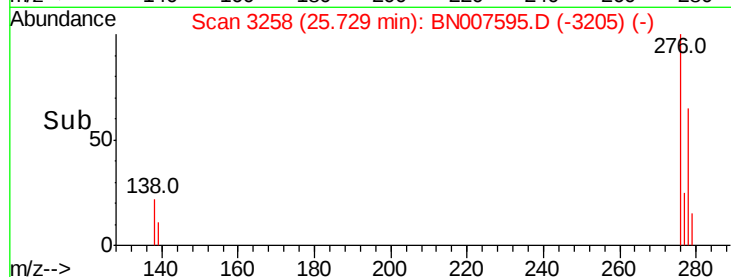
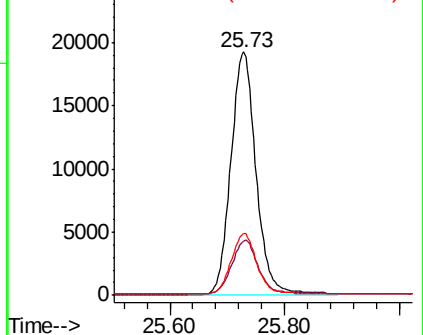
277 25.2 0.0 0.0#



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: 23.50 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

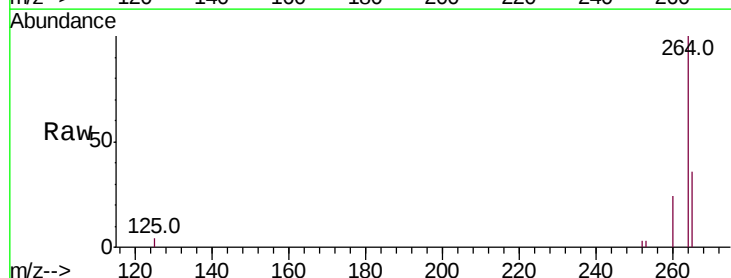
Tgt Ion:264 Resp: 36136

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

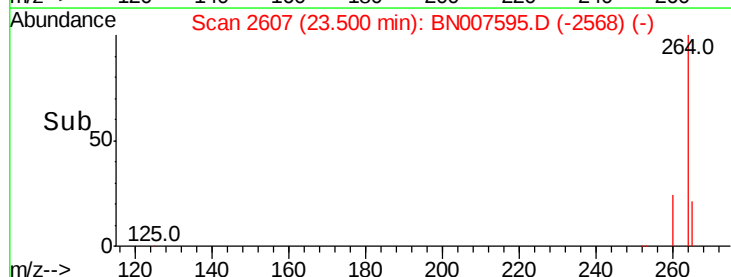
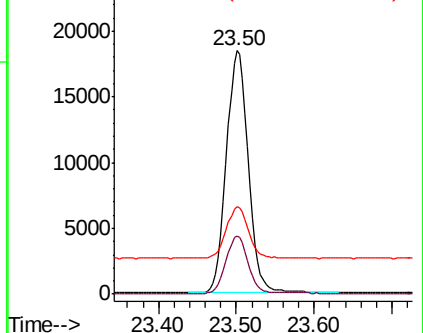
265 35.9 25.6 38.4

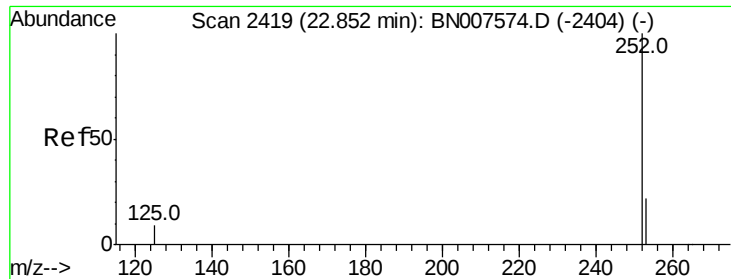


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.398 ng

RT: 22.84 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

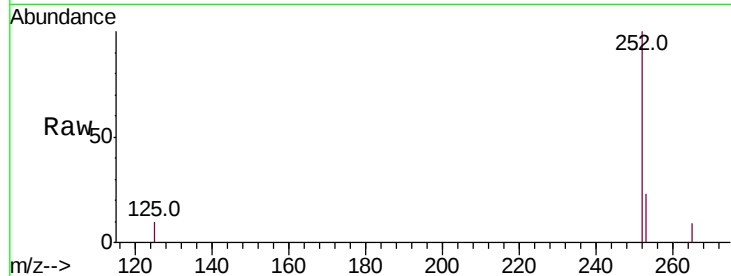
Tot Ion:252 Resp: 51165

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

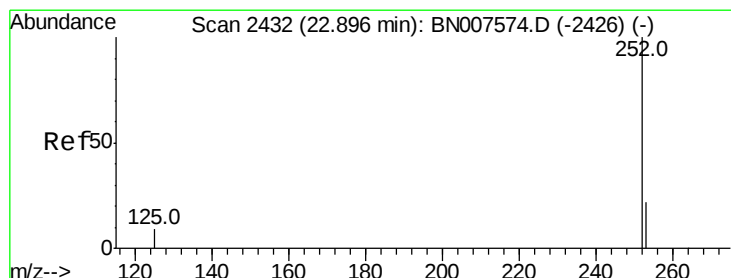
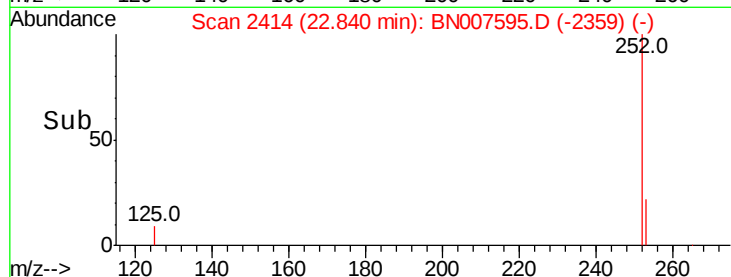
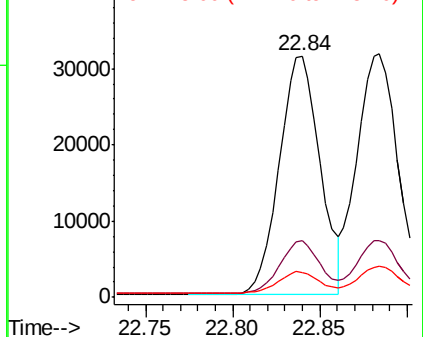
125 10.3 8.2 12.2



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: 0.403 ng

RT: 22.84 min Scan# 2414

Delta R.T. -0.06 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

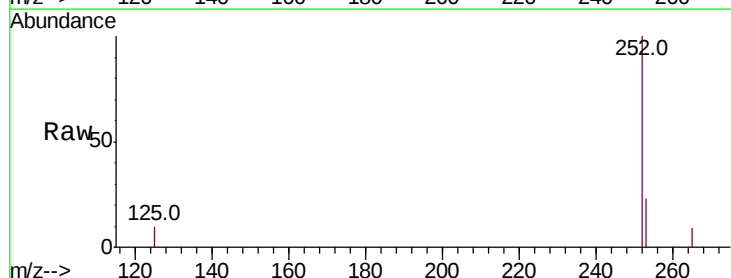
Tgt Ion:252 Resp: 51165

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

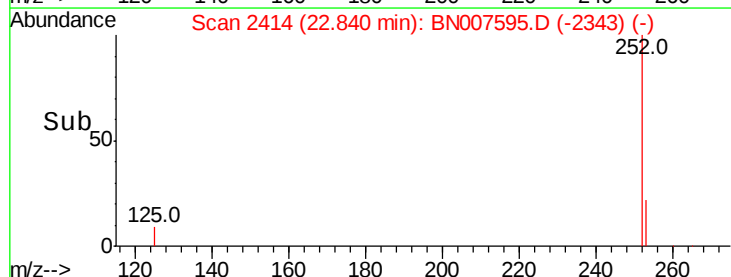
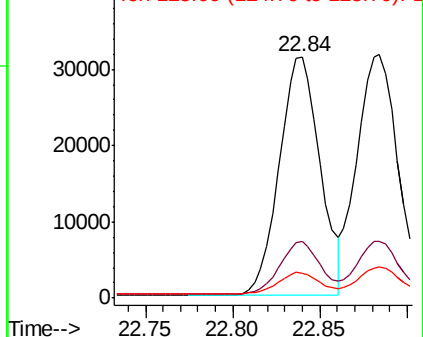
125 10.3 8.2 12.2

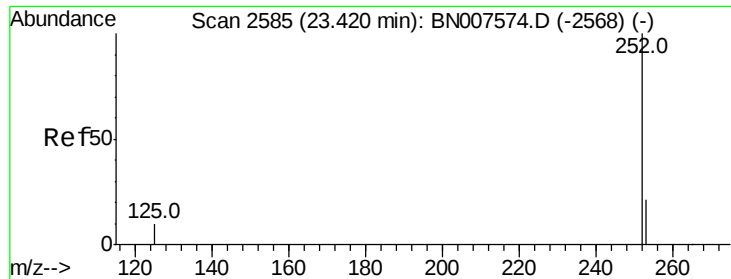


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.40 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :

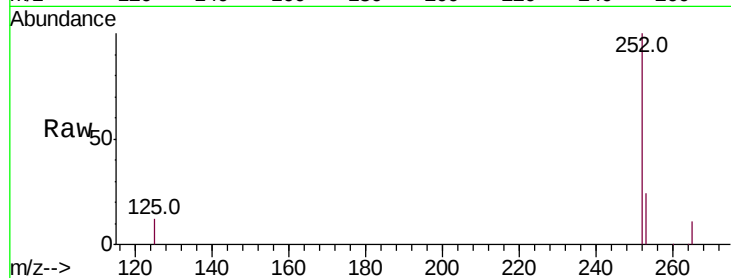
Tot Ion:252 Resp: 46633

Ion Ratio Lower Upper

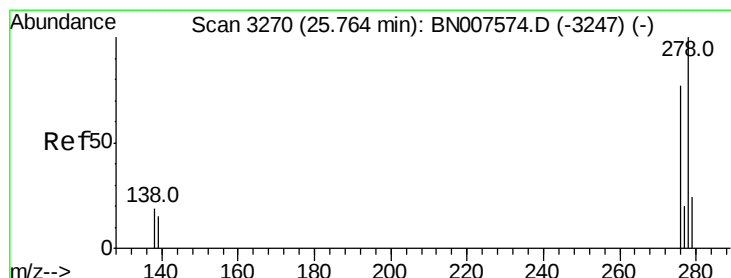
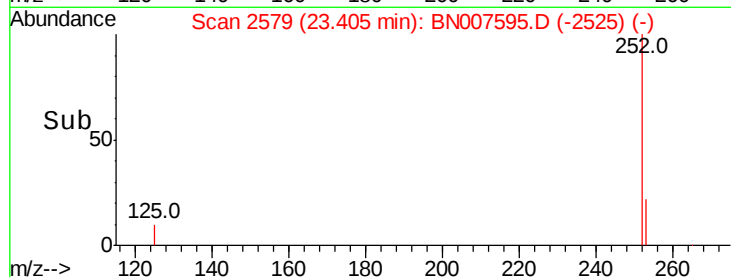
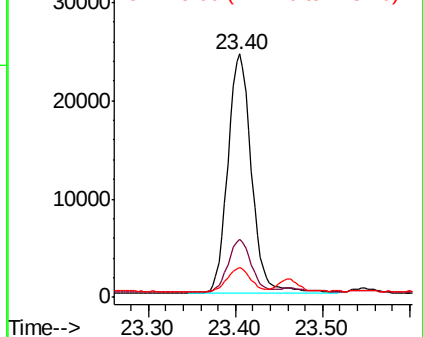
252 100

253 23.8 18.6 28.0

125 12.1 9.2 13.8



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: 0.424 ng

RT: 25.74 min Scan# 3262

Delta R.T. -0.02 min

Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

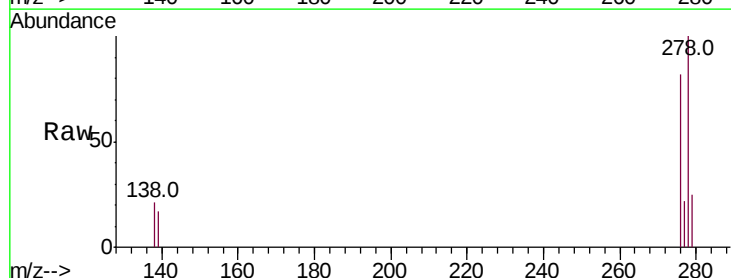
Tgt Ion:278 Resp: 48581

Ion Ratio Lower Upper

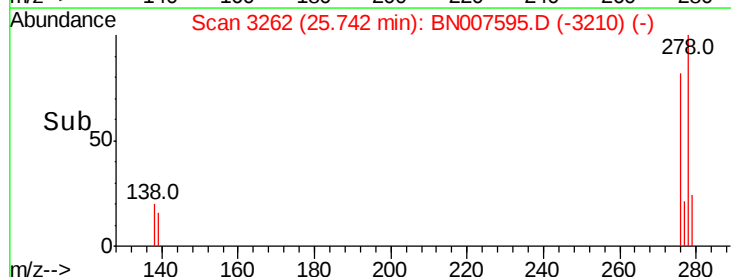
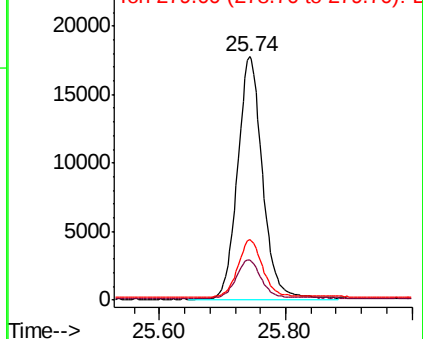
278 100

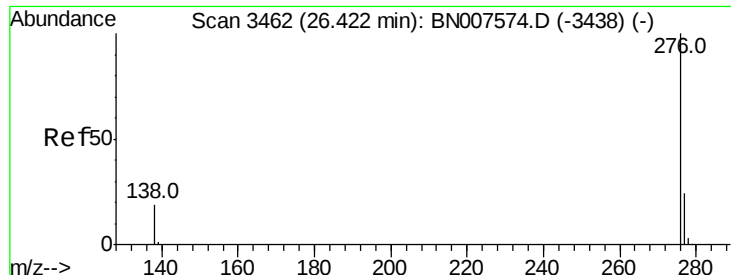
139 16.6 12.5 18.7

279 24.8 20.2 30.2



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: 0.409 ng

RT: 26.40 min Scan# 3454

Delta R.T. -0.02 min

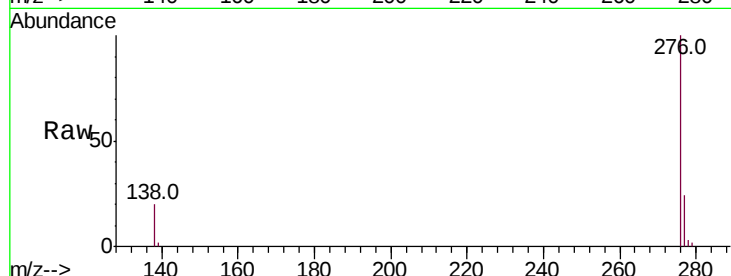
Lab File: BN007595.D

Acq: 11 Sep 2019 19:27

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 47486

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 20.0 15.9 23.9

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

