

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090119\
 Data File : BN007529.D
 Acq On : 01 Sep 2019 17:25
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 02 08:14:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5594	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	26050	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	16032	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	38535	0.40	ng	0.00
27) Chrysene-d12	21.00	240	37634	0.40	ng	-0.01
34) Perylene-d12	23.11	264	35503	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	6203	0.31	ng	-0.02
5) Phenol-d6	6.59	99	7844	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	7485	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	17352	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2771	0.33	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	25356	0.39	ng	0.00
25) Fluoranthene-d10	18.83	212	47532	0.38	ng	-0.01
29) Terphenyl-d14	19.45	244	39275	0.40	ng	-0.02

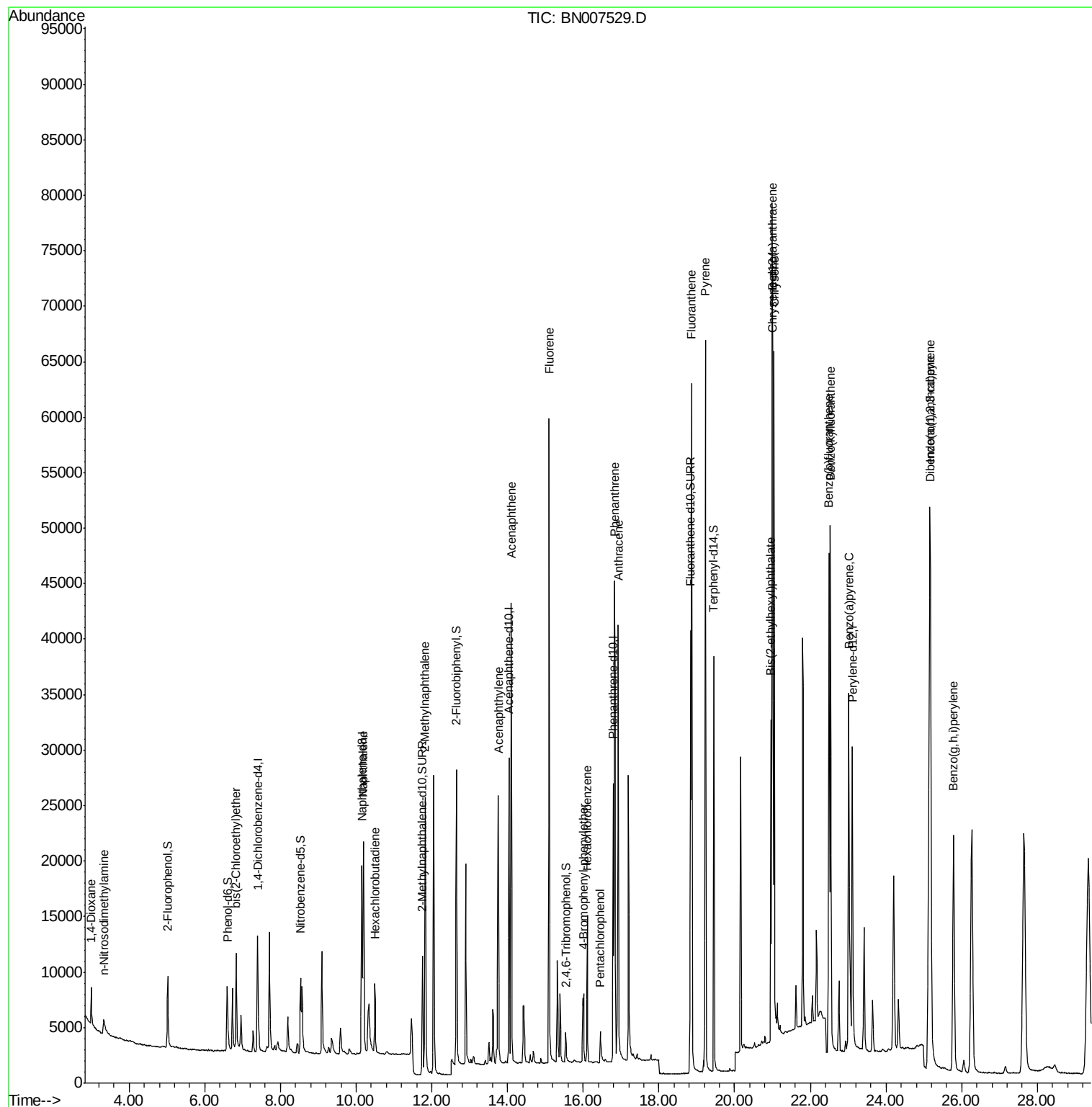
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	3338	0.359	ng	# 86
3) n-Nitrosodimethylamine	3.33	42	1211	0.280	ng	# 78
6) bis(2-Chloroethyl)ether	6.83	93	8123	0.402	ng	97
9) Naphthalene	10.19	128	28786	0.387	ng	# 90
10) Hexachlorobutadiene	10.49	225	5368	0.352	ng	# 98
12) 2-Methylnaphthalene	11.82	142	20551	0.405	ng	96
16) Acenaphthylene	13.76	152	32427	0.342	ng	99
17) Acenaphthene	14.10	154	21995	0.396	ng	97
18) Fluorene	15.09	166	28311	0.403	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2239	0.147	ng	# 83
21) Hexachlorobenzene	16.10	284	10354	0.401	ng	96
22) Pentachlorophenol	16.45	266	2147	0.268	ng	# 64
23) Phenanthrene	16.83	178	47193	0.407	ng	99
24) Anthracene	16.92	178	42665	0.366	ng	99
26) Fluoranthene	18.86	202	58259	0.391	ng	99
28) Pyrene	19.23	202	60311	0.398	ng	99
30) Benzo(a)anthracene	20.99	228	54408	0.368	ng	100
31) Chrysene	21.05	228	57225	0.401	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	30413	0.299	ng	99
33) Indeno(1,2,3-cd)pyrene	25.16	276	53550	0.312	ng	93
35) Benzo(b)fluoranthene	22.49	252	54571	0.424	ng	# 96
36) Benzo(k)fluoranthene	22.53	252	54737	0.431	ng	97
37) Benzo(a)pyrene	23.02	252	46526	0.380	ng	# 95
38) Dibenzo(a,h)anthracene	25.18	278	42579	0.349	ng	# 74
39) Benzo(g,h,i)perylene	25.78	276	42746	0.351	ng	100

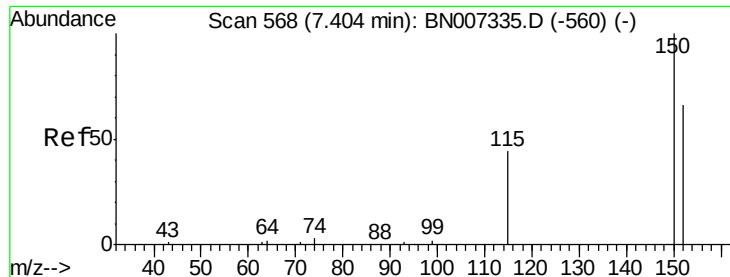
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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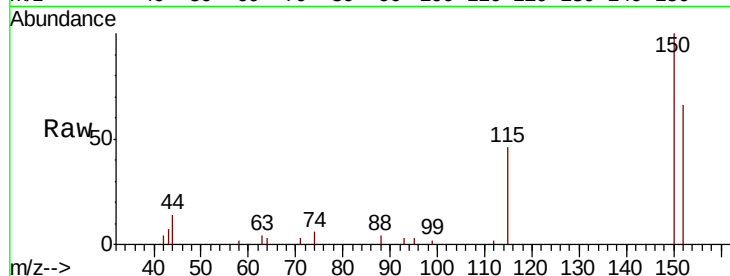


#1

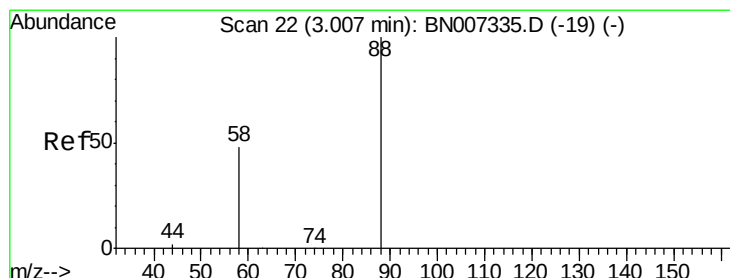
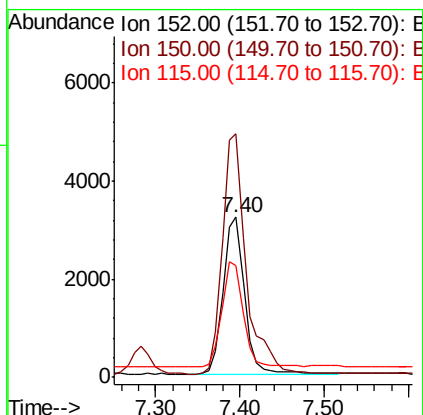
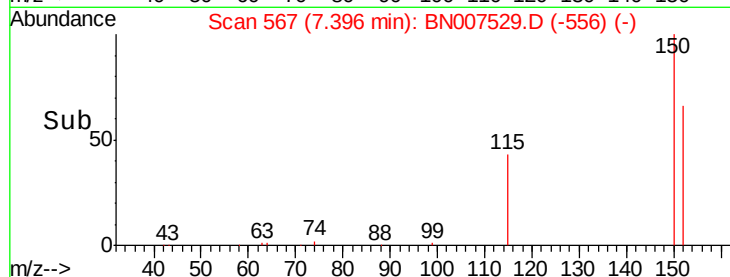
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5594
Ion Ratio Lower Upper
152 100
150 152.4 109.1 163.7
115 70.1 59.6 89.4



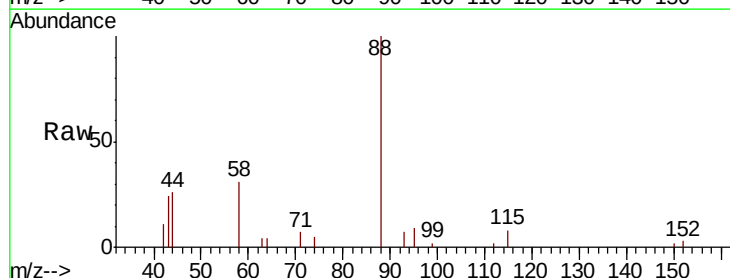
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



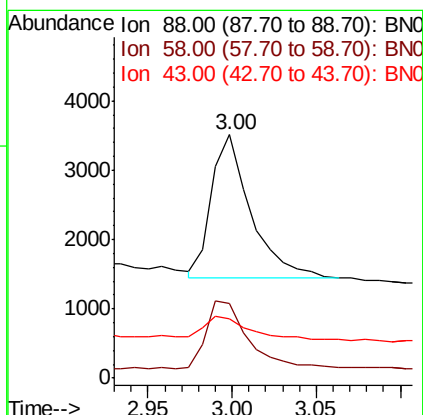
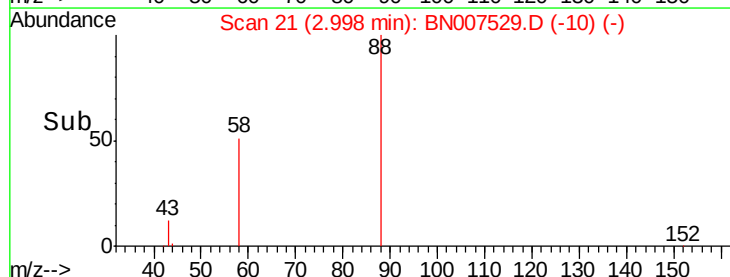
#2

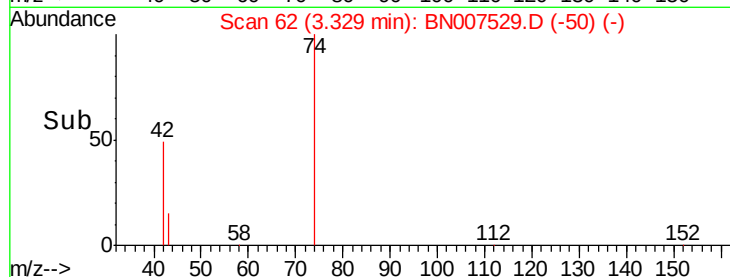
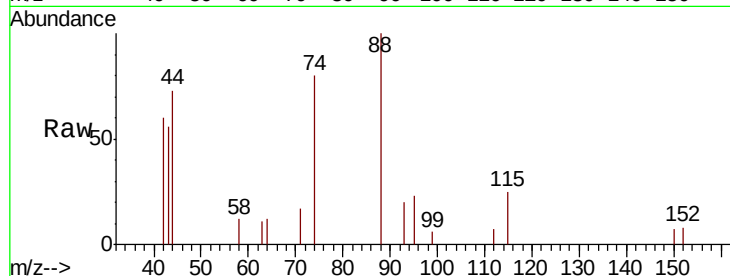
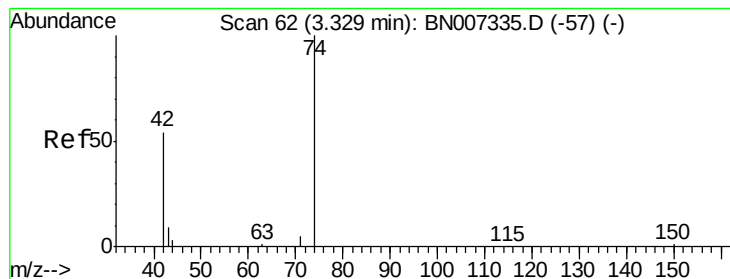
1,4-Dioxane
Concen: 0.359 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion: 88 Resp: 3338
Ion Ratio Lower Upper
88 100
58 52.1 50.5 75.7
43 20.3 0.0 0.0#



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: 0.280 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

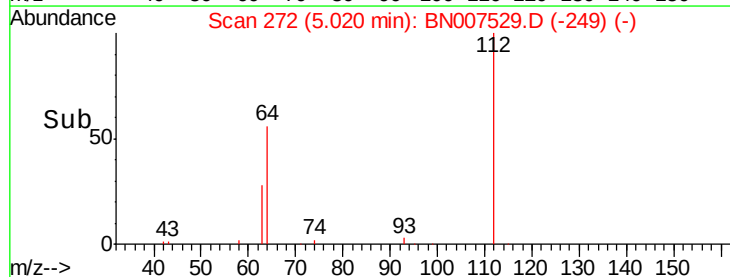
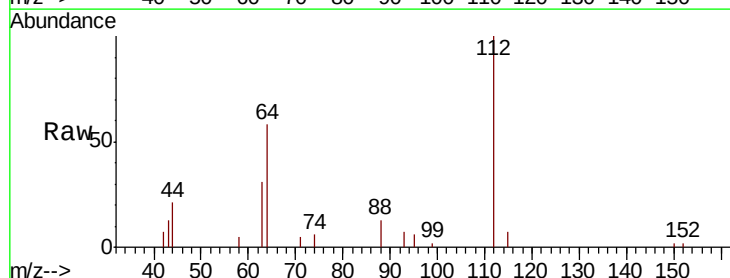
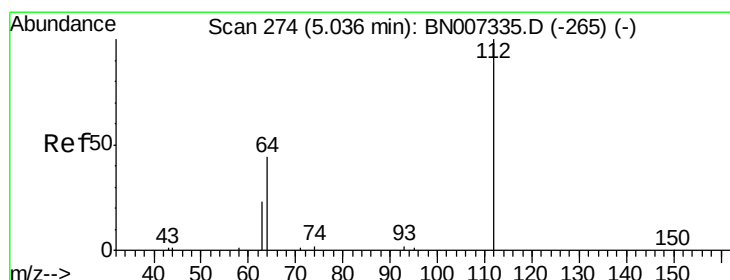
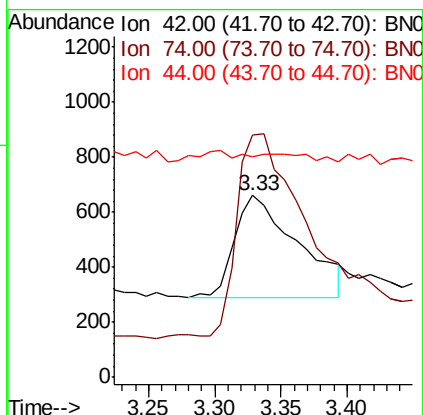
Tot Ion: 42 Resp: 1211

Ion Ratio Lower Upper

42 100

74 213.3 144.7 217.1

44 6.4 3.2 4.8#



#4

2-Fluorophenol

Concen: 0.313 ng

RT: 5.02 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

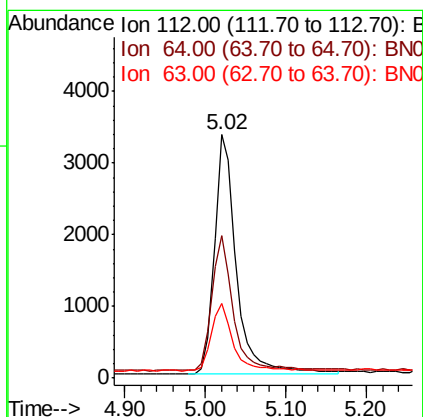
Tgt Ion: 112 Resp: 6203

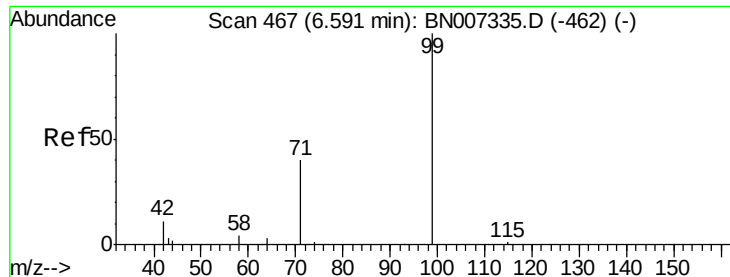
Ion Ratio Lower Upper

112 100

64 55.5 42.3 63.5

63 28.1 23.6 35.4





#5

Phenol-d6

Concen: 0.311 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

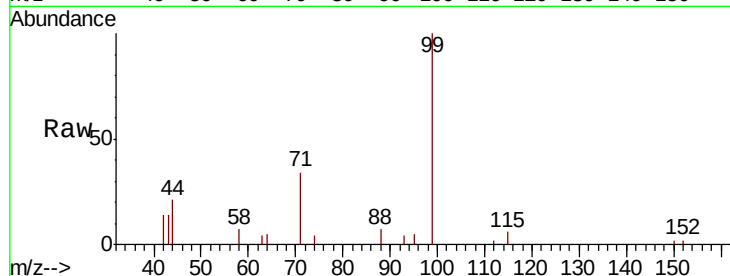
Tot Ion: 99 Resp: 7844

Ion Ratio Lower Upper

99 100

42 11.1 11.2 16.8#

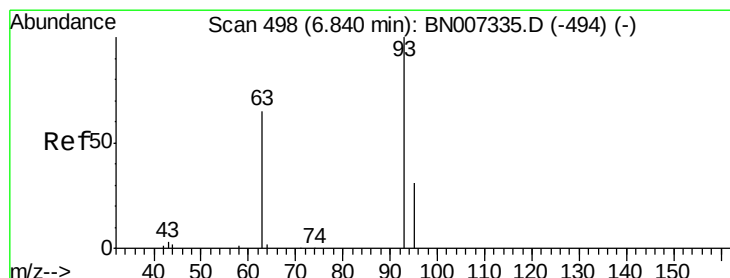
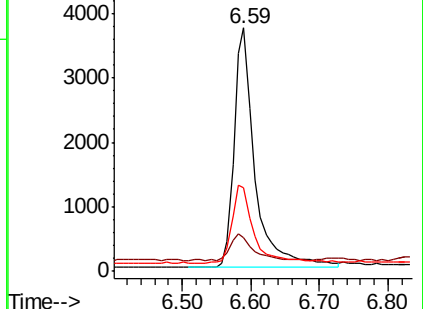
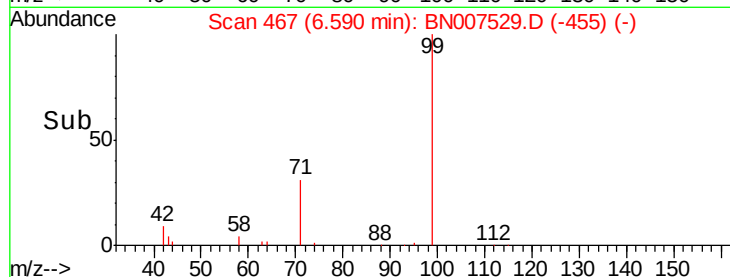
71 33.4 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007529.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007529.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007529.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

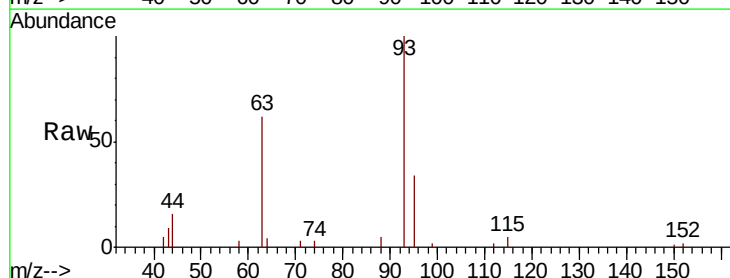
Tgt Ion: 93 Resp: 8123

Ion Ratio Lower Upper

93 100

63 63.4 51.9 77.9

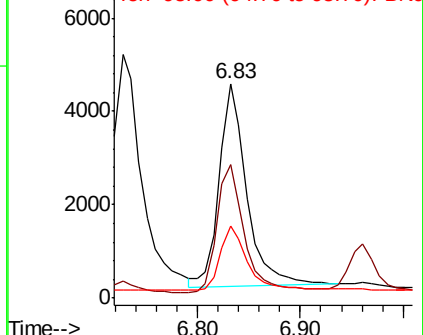
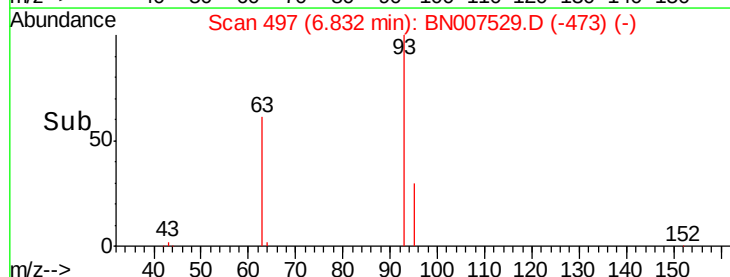
95 31.4 27.7 41.5

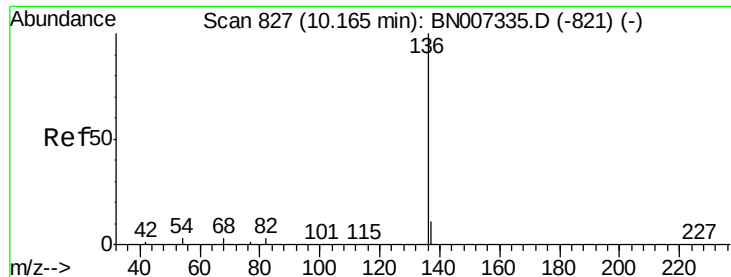


Abundance Ion 93.00 (92.70 to 93.70): BN007529.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007529.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007529.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 26050

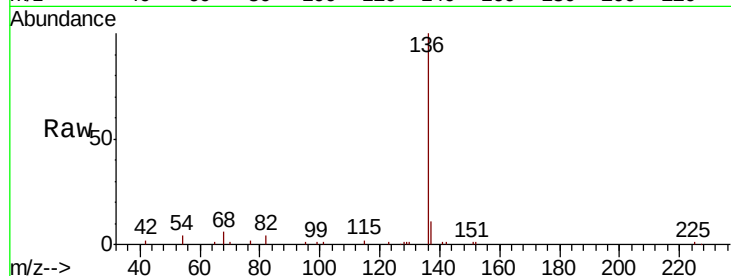
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 3.8 8.6 12.8#

68 5.5 17.0 25.4#

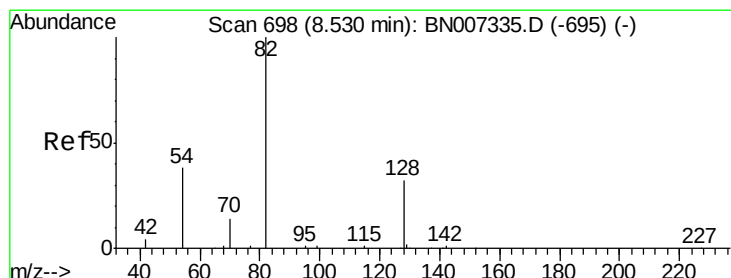
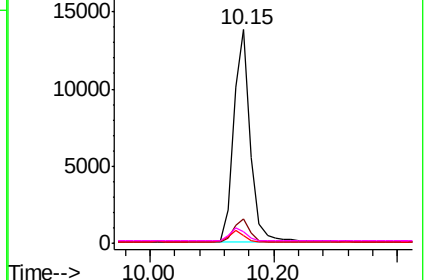
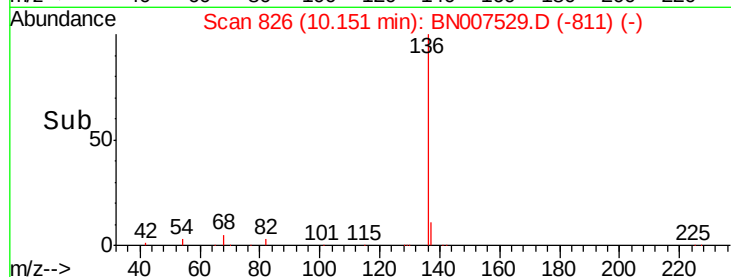


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.330 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

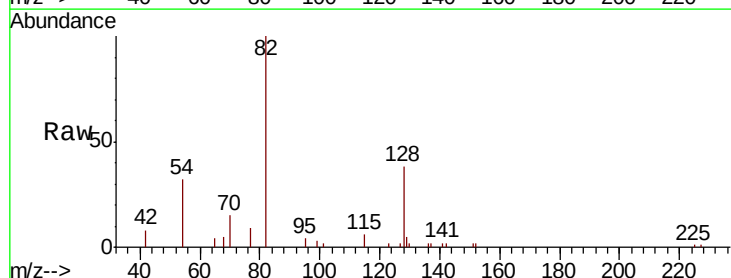
Tgt Ion: 82 Resp: 7485

Ion Ratio Lower Upper

82 100

128 38.2 19.7 29.5#

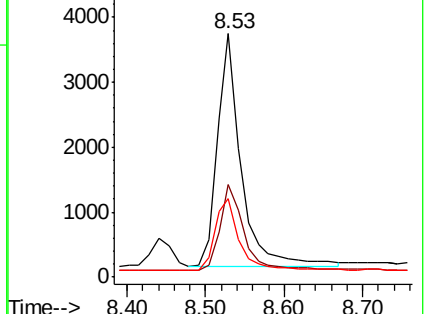
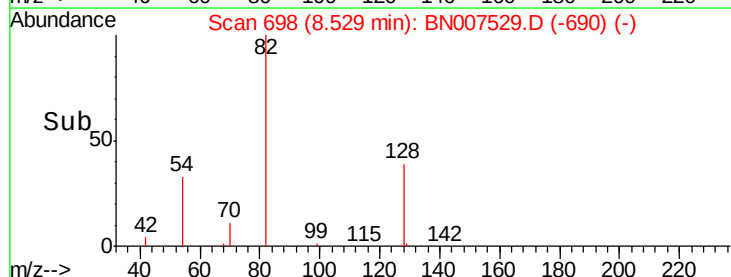
54 32.4 25.8 38.6

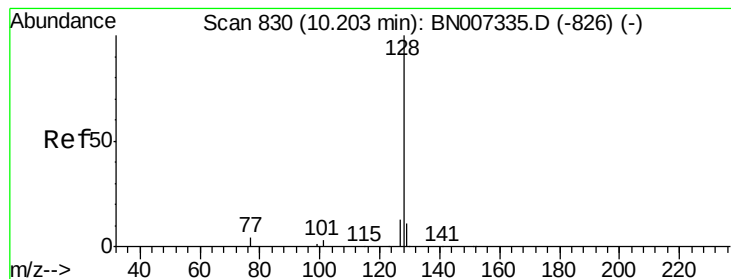


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.387 ng

RT: 10.19 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

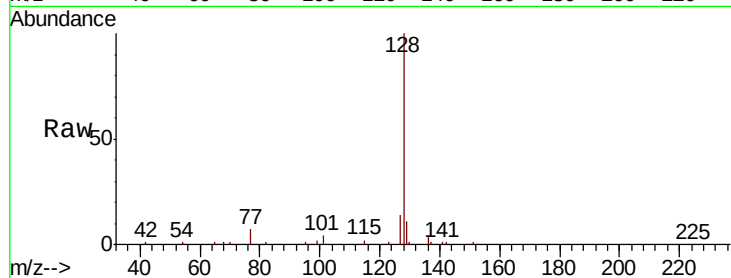
Tot Ion:128 Resp: 28786

Ion Ratio Lower Upper

128 100

129 11.4 11.1 16.7

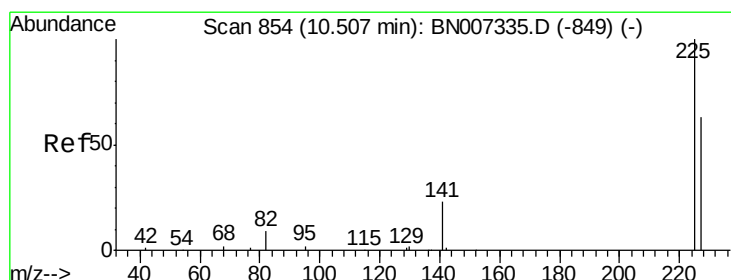
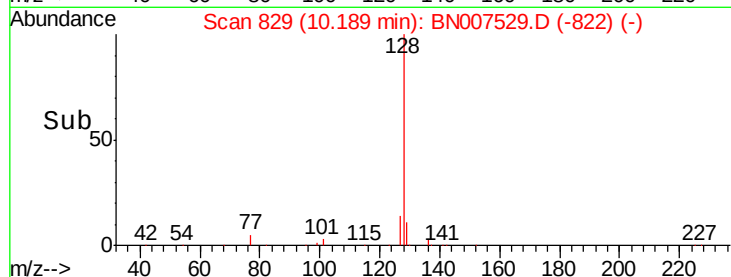
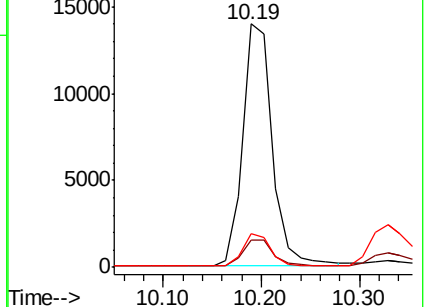
127 13.9 15.5 23.3#



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: 0.352 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

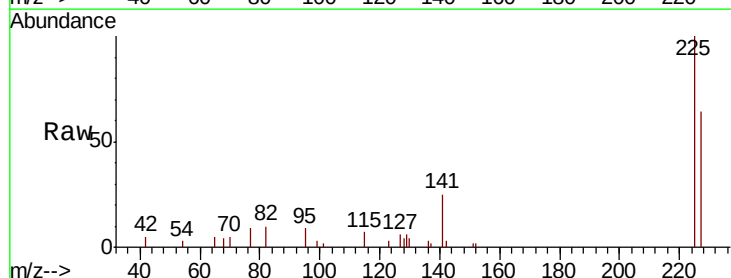
Tgt Ion:225 Resp: 5368

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

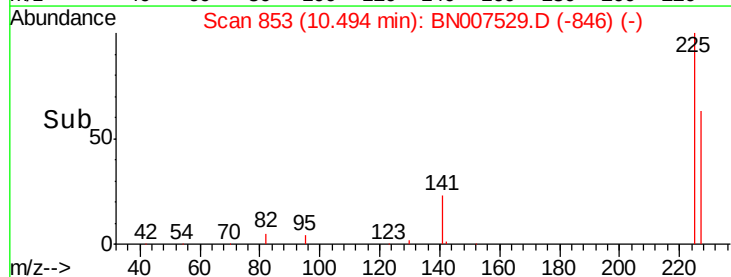
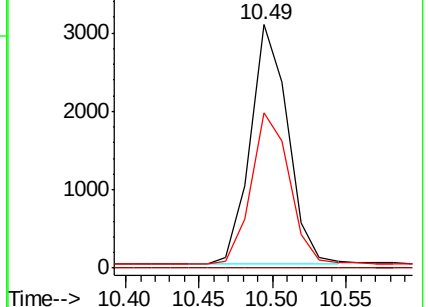
227 64.7 50.7 76.1

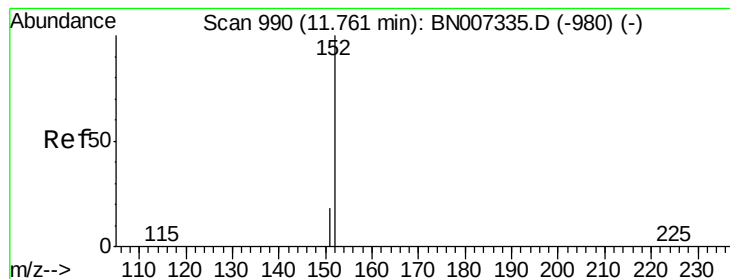


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.75 min Scan# 987

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

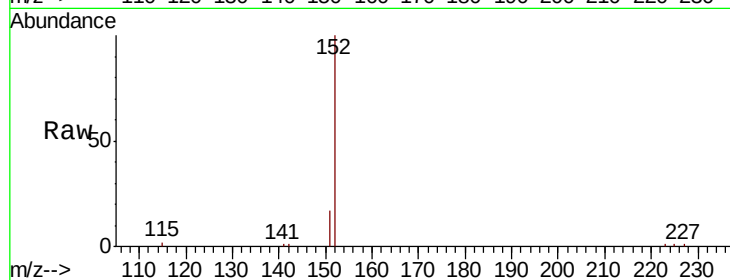
ClientSampled :

Tot Ion:152 Resp: 17352

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.75

10000

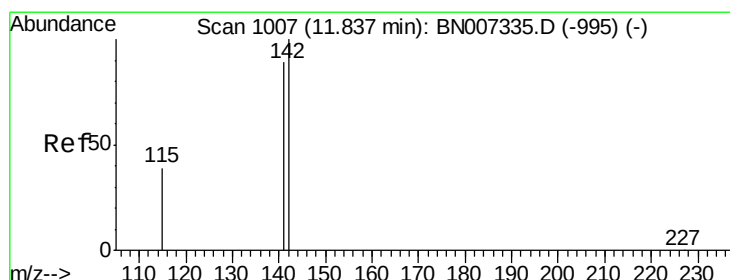
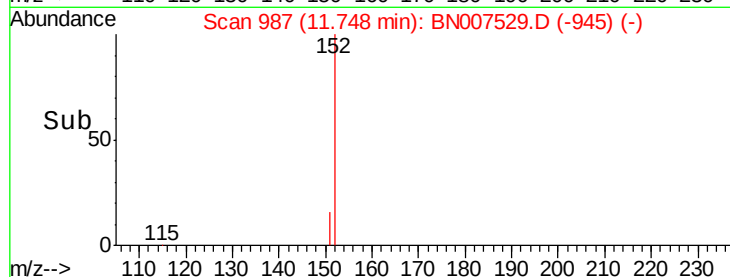
8000

6000

4000

2000

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.405 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

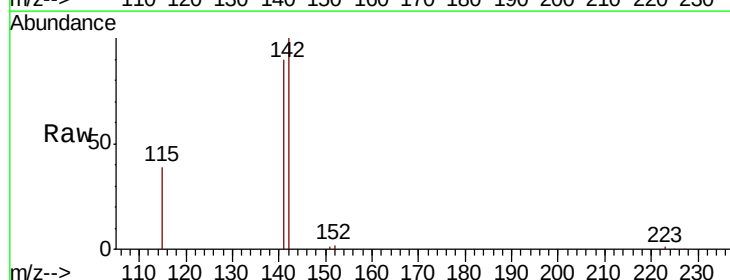
Tgt Ion:142 Resp: 20551

Ion Ratio Lower Upper

142 100

141 89.5 72.8 109.2

115 38.8 35.2 52.8



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

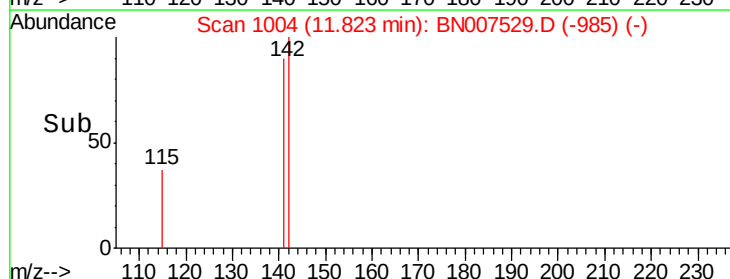
11.82

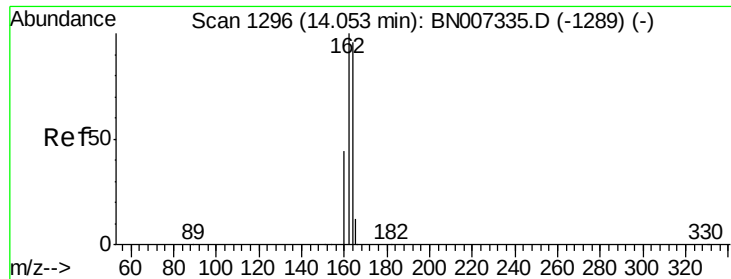
15000

10000

5000

Time--> 11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampled :

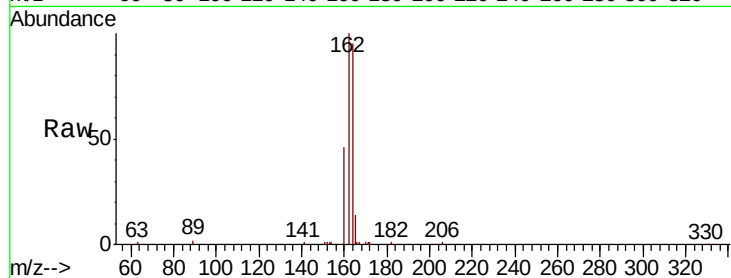
Tot Ion:164 Resp: 16032

Ion Ratio Lower Upper

164 100

162 105.0 83.5 125.3

160 47.9 38.2 57.4

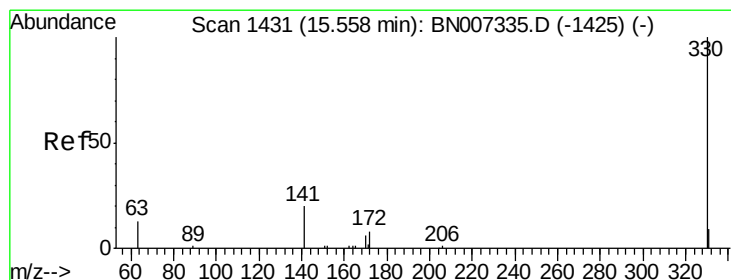
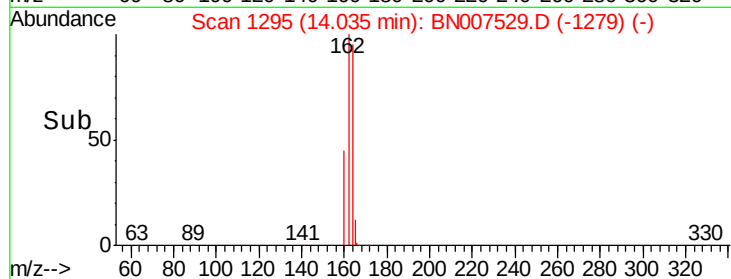
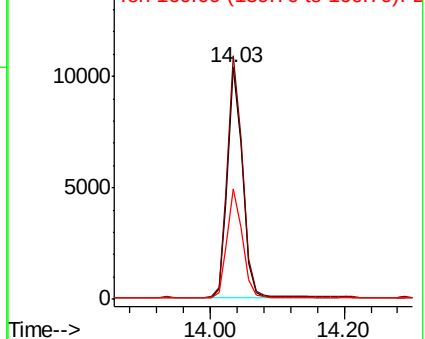


Abundance

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: 0.330 ng

RT: 15.54 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

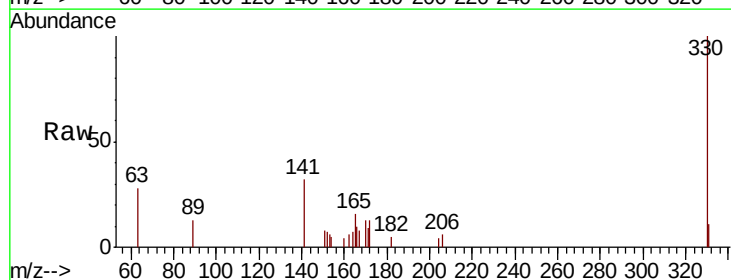
Tgt Ion:330 Resp: 2771

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.4 26.9 40.3

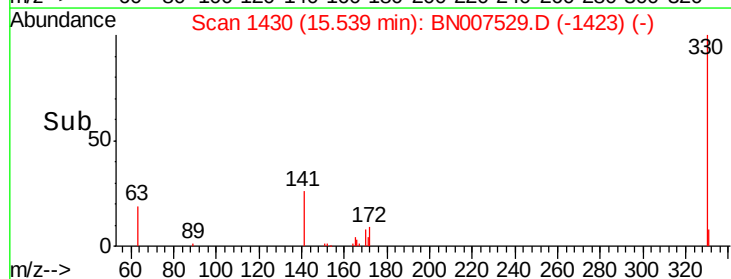
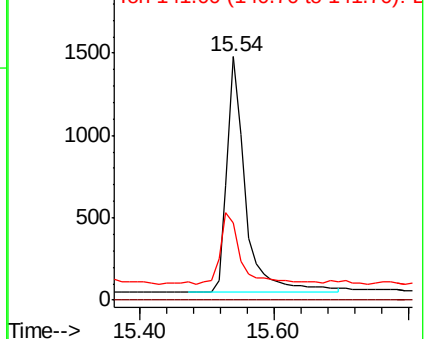


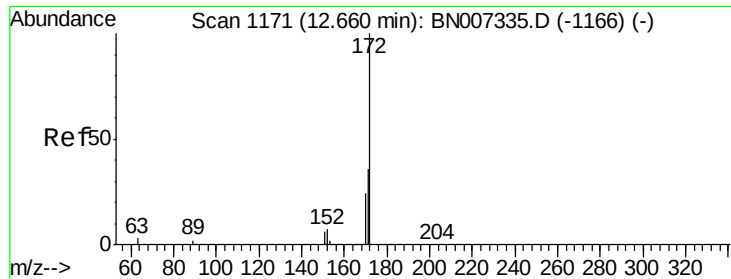
Abundance

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

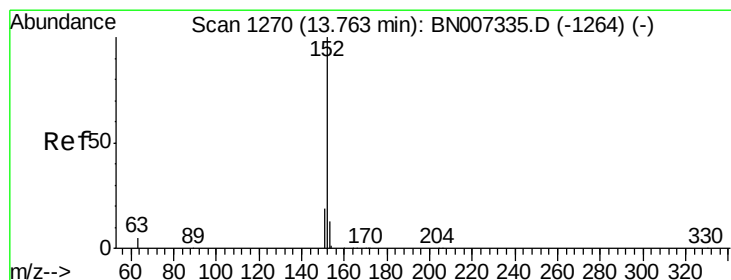
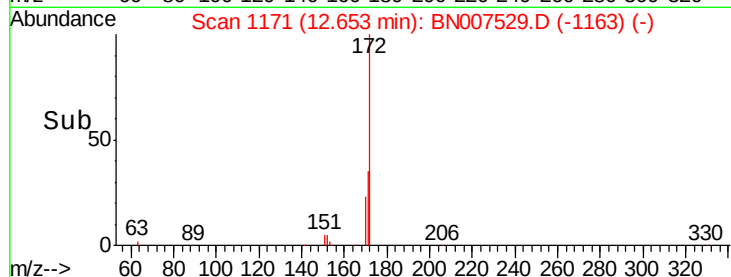
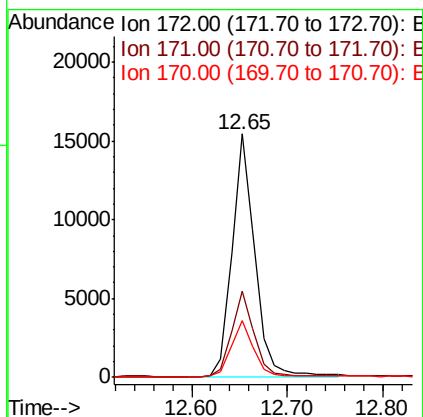
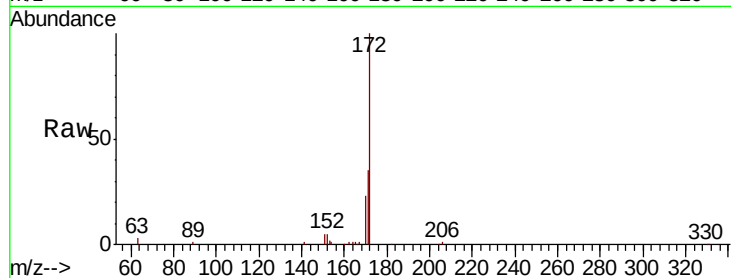




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

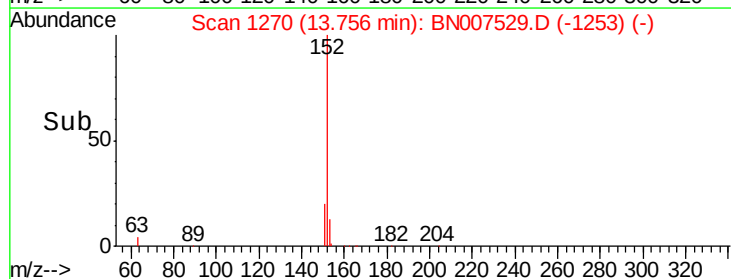
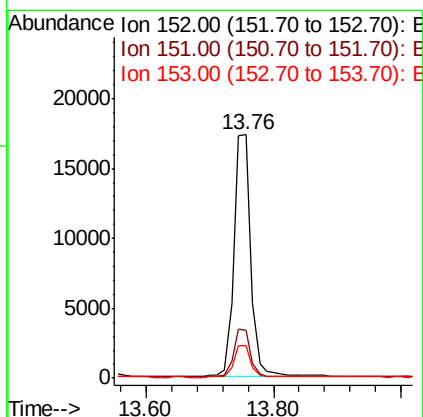
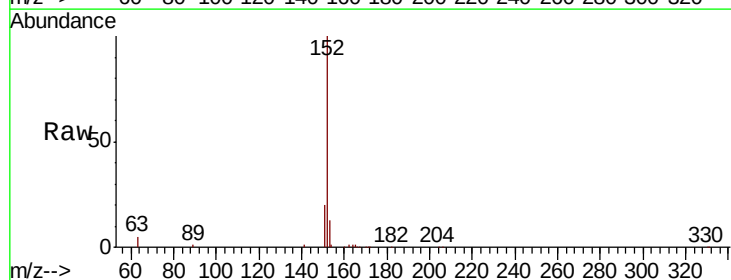
Instrument :
BNA_N
ClientSampleId :

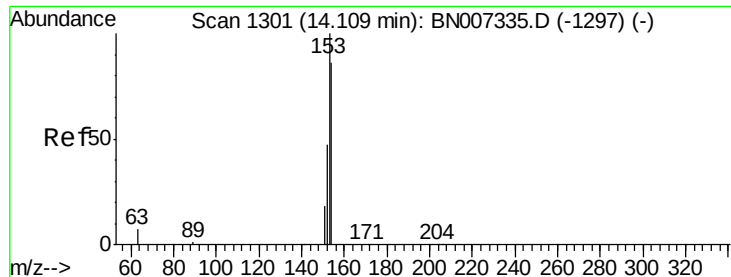
Tot Ion:172 Resp: 25356
Ion Ratio Lower Upper
172 100
171 35.4 30.3 45.5
170 23.3 20.7 31.1



#16
Acenaphthylene
Concen: 0.342 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:152 Resp: 32427
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.396 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

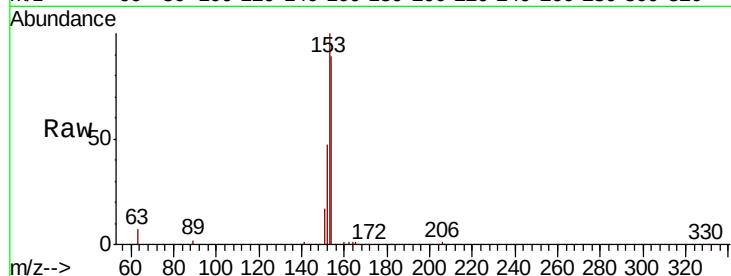
Tot Ion:154 Resp: 21995

Ion Ratio Lower Upper

154 100

153 111.9 92.8 139.2

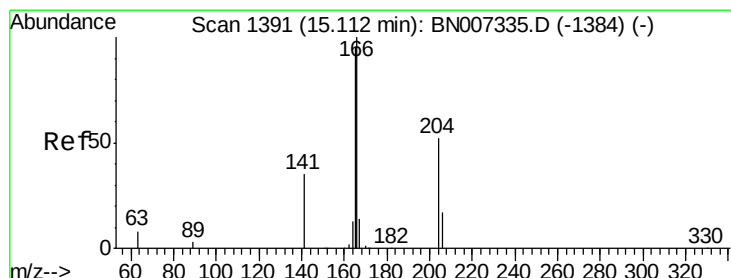
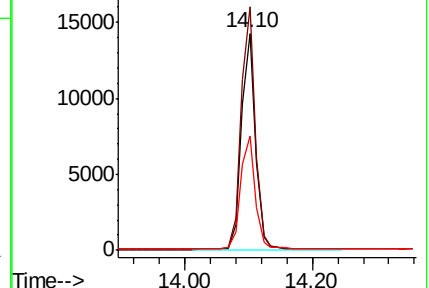
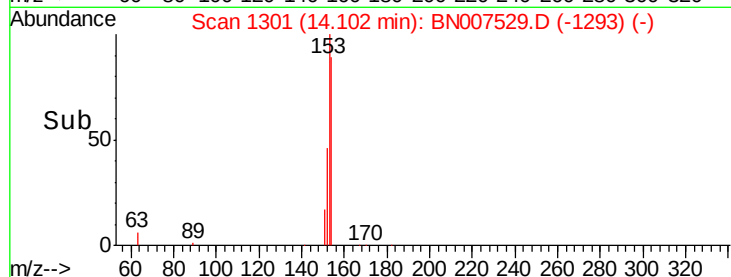
152 53.2 43.8 65.8



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: 0.403 ng

RT: 15.09 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

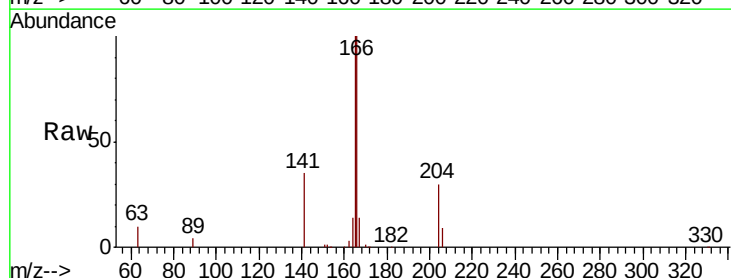
Tgt Ion:166 Resp: 28311

Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.4

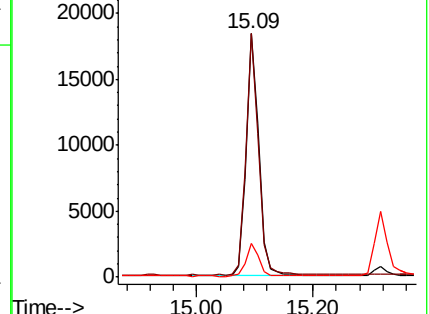
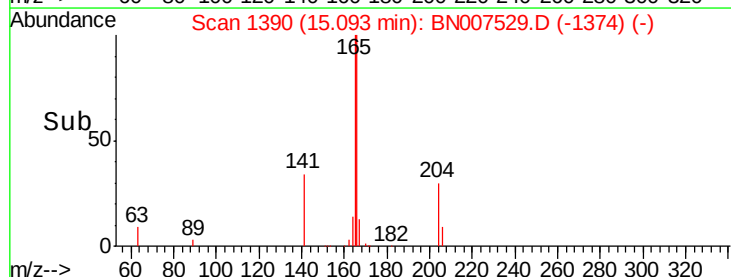
167 13.4 10.6 15.8

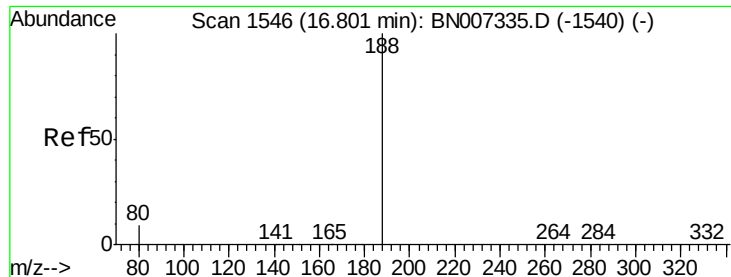


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

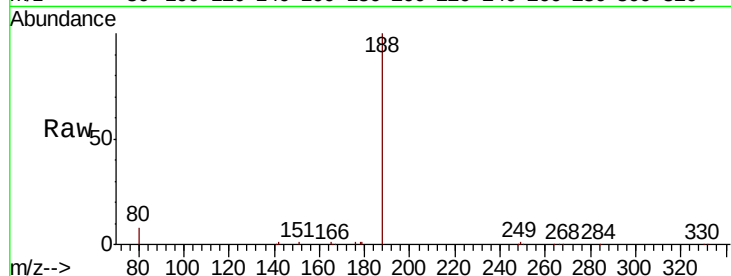
Tot Ion:188 Resp: 38535

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

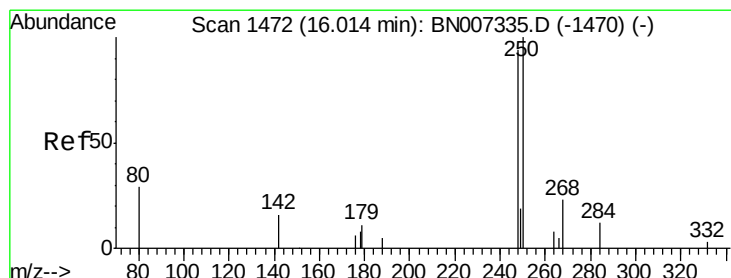
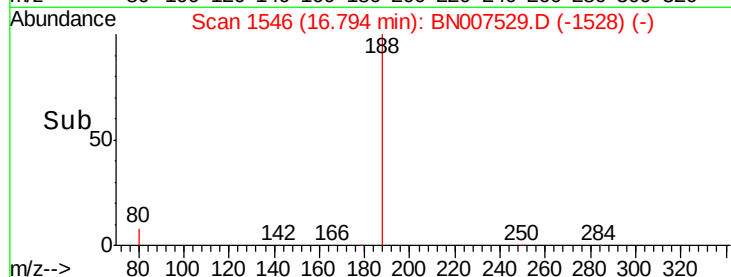
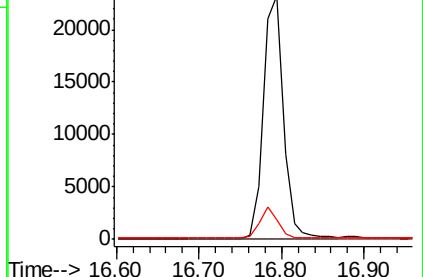
80 8.3 11.8 17.8#



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: 0.147 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

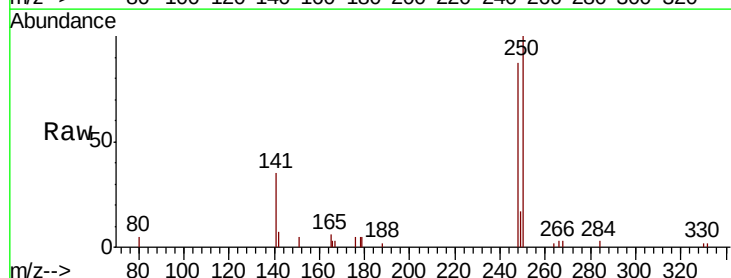
Tgt Ion:248 Resp: 2239

Ion Ratio Lower Upper

248 100

250 114.5 85.0 127.6

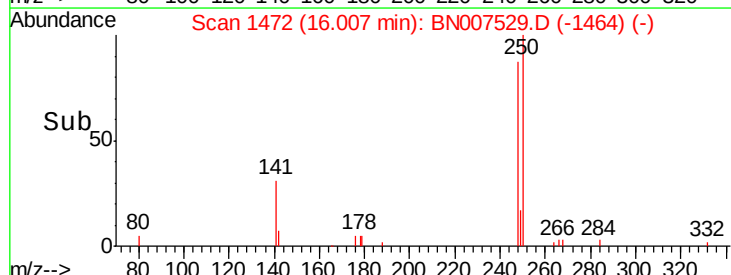
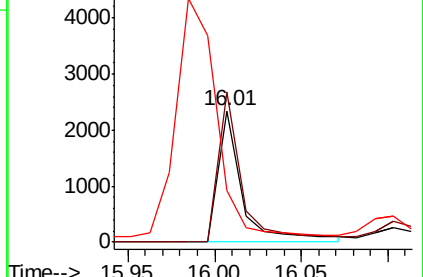
141 39.5 51.7 77.5#

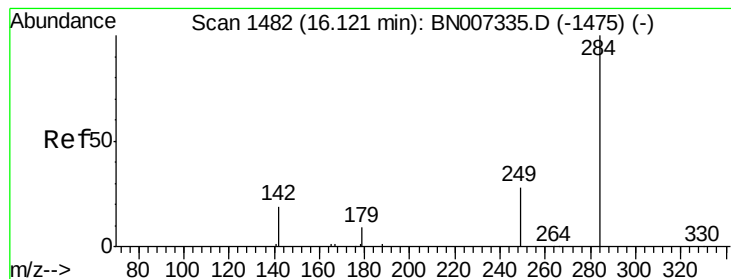


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.401 ng

RT: 16.10 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

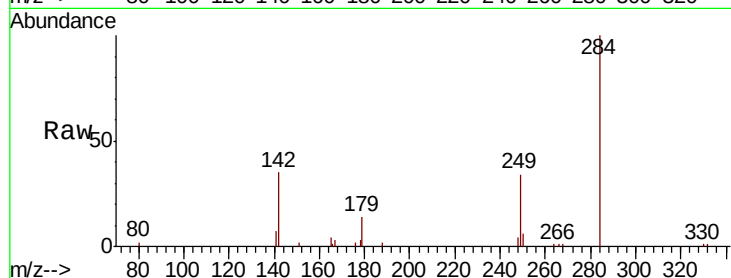
Tot Ion:284 Resp: 10354

Ion Ratio Lower Upper

284 100

142 32.9 29.0 43.6

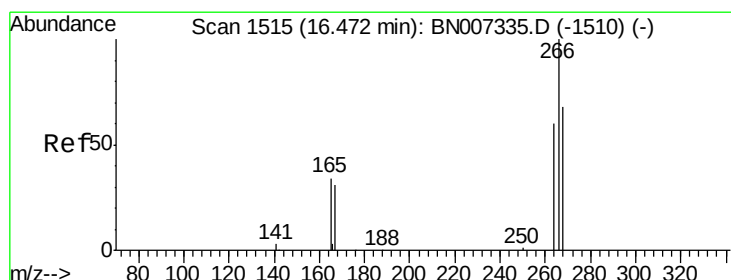
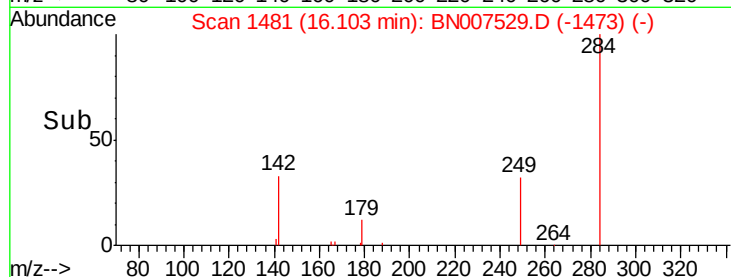
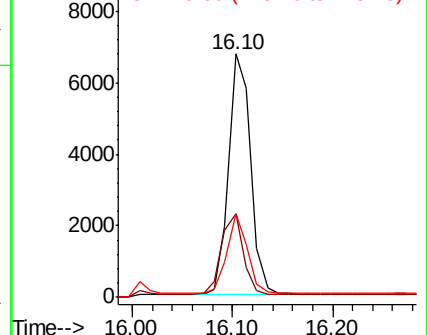
249 30.2 24.9 37.3



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: 0.268 ng

RT: 16.45 min Scan# 1514

Delta R.T. -0.02 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

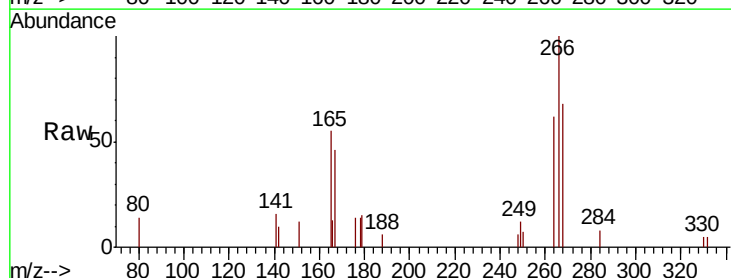
Tgt Ion:266 Resp: 2147

Ion Ratio Lower Upper

266 100

264 62.2 57.8 86.8

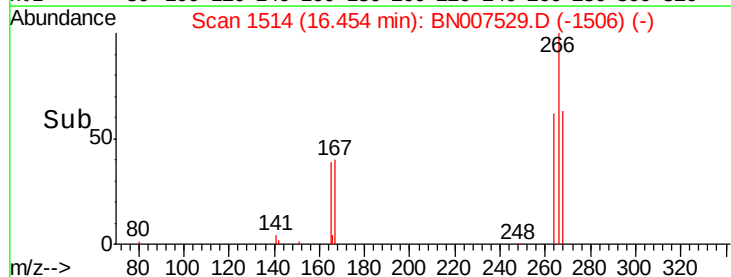
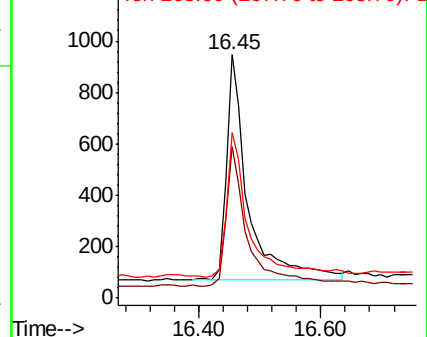
268 67.8 99.7 149.5#

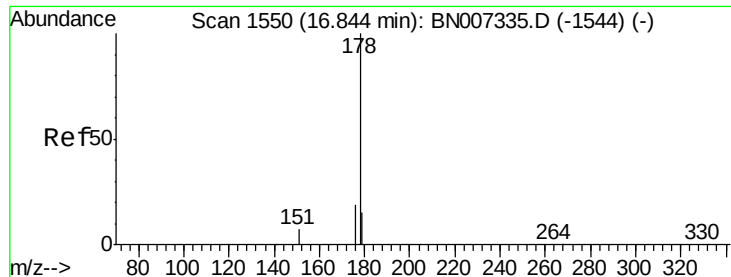


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

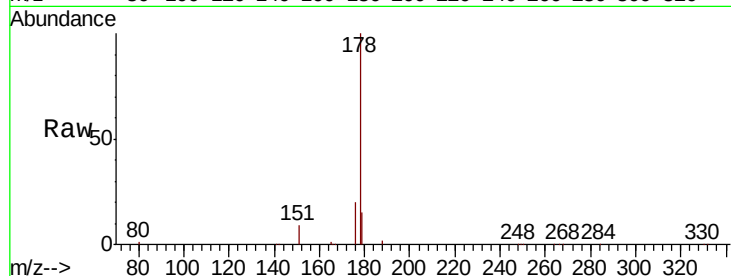
Tot Ion:178 Resp: 47193

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

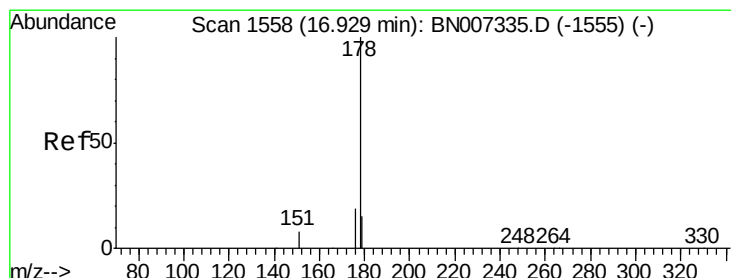
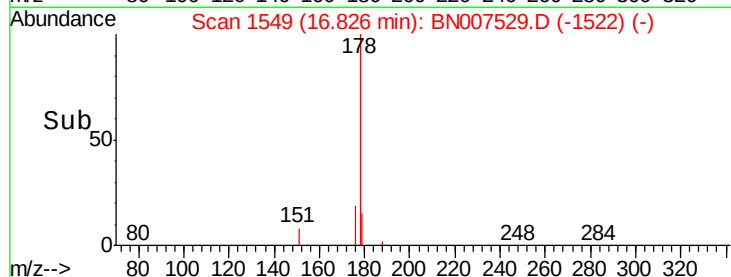
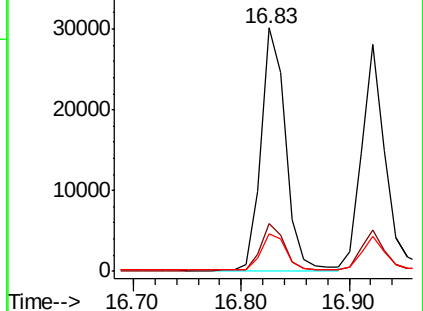
179 15.5 12.6 19.0



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: 0.366 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

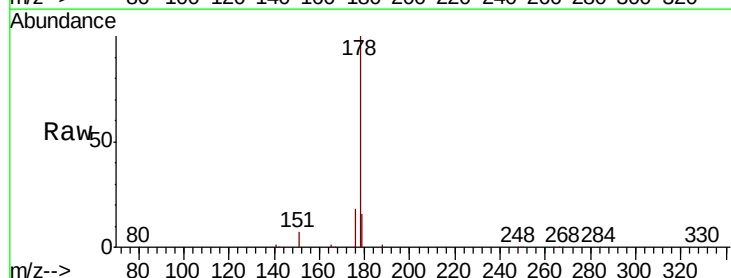
Tgt Ion:178 Resp: 42665

Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

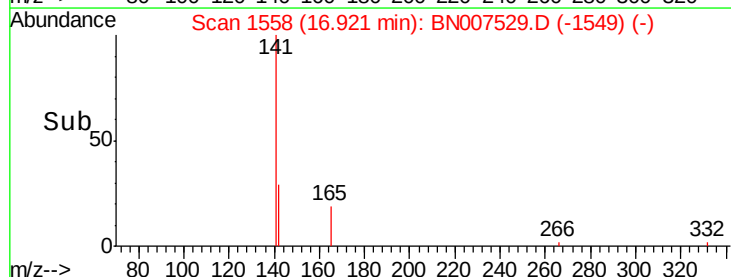
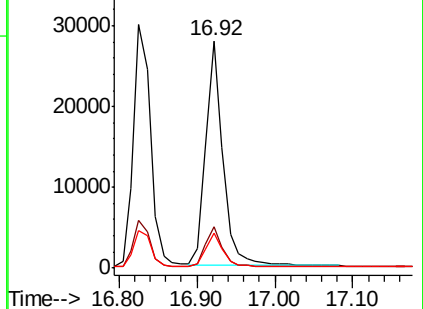
179 15.4 12.4 18.6

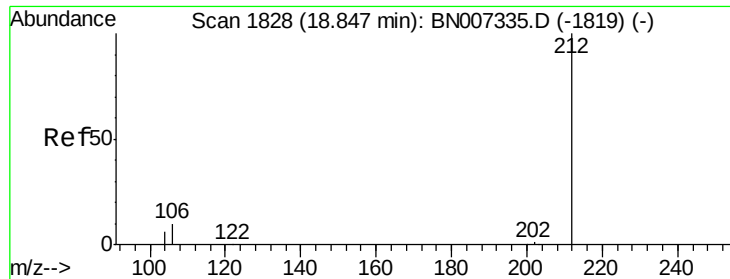


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 18.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

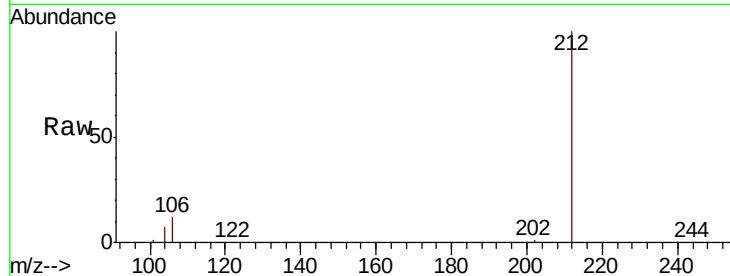
Tot Ion:212 Resp: 47532

Ion Ratio Lower Upper

212 100

106 12.9 9.0 13.4

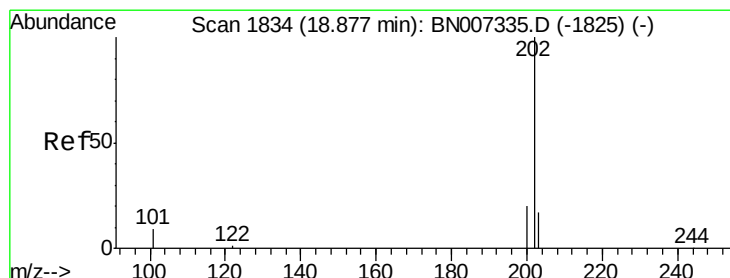
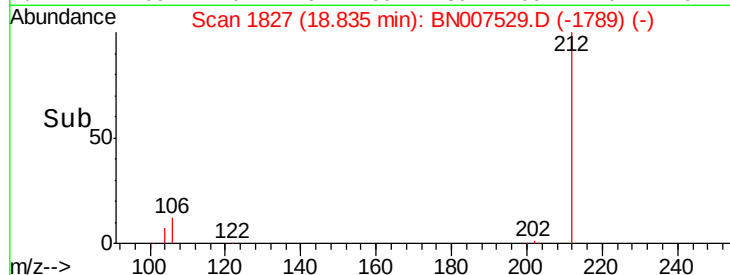
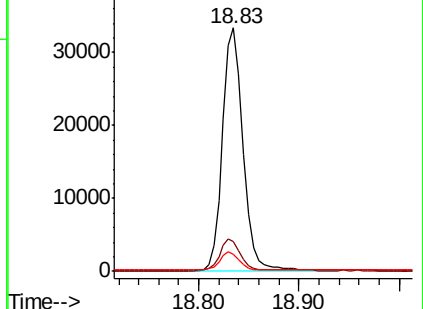
104 7.4 5.4 8.2



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: 0.391 ng

RT: 18.86 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

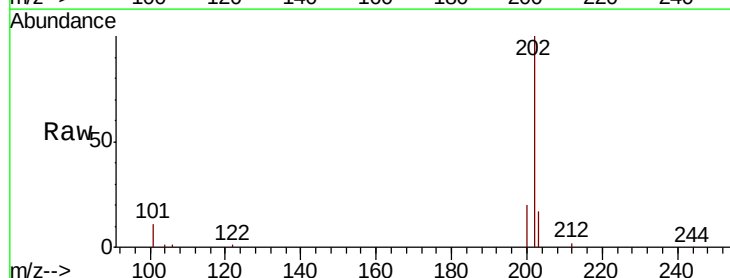
Tgt Ion:202 Resp: 58259

Ion Ratio Lower Upper

202 100

101 10.9 7.7 11.5

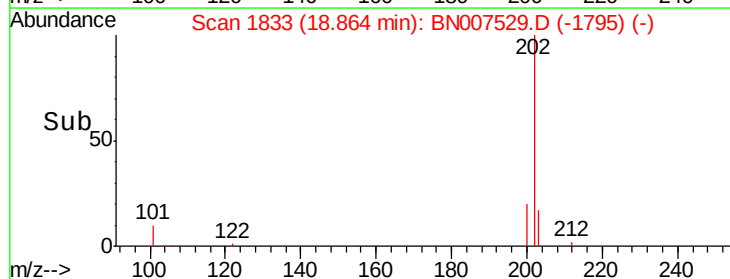
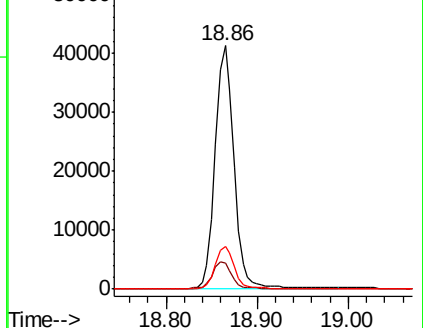
203 17.0 13.7 20.5

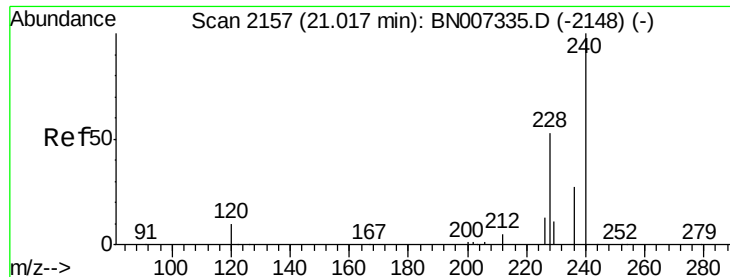


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.00 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

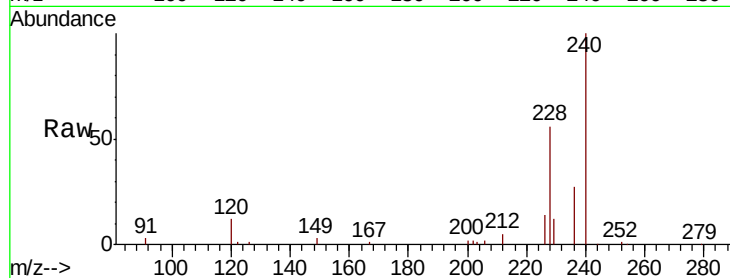
Tot Ion:240 Resp: 37634

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

236 27.3 22.2 33.2

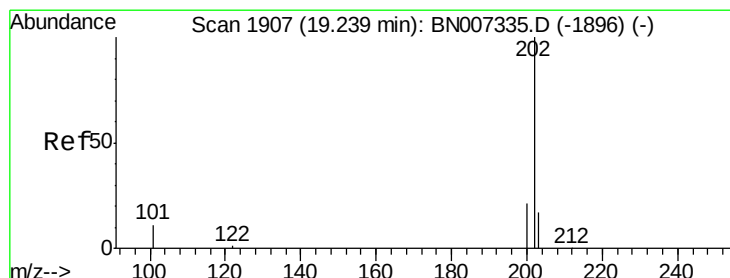
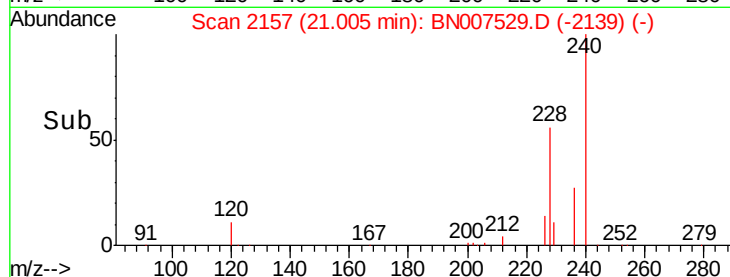
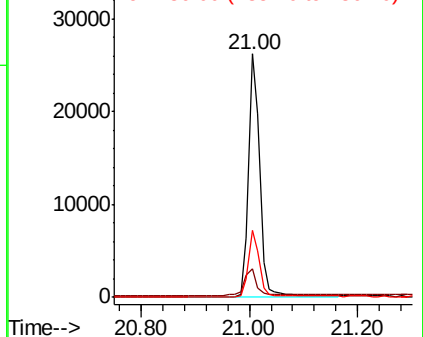


Abundance

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: 0.398 ng

RT: 19.23 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

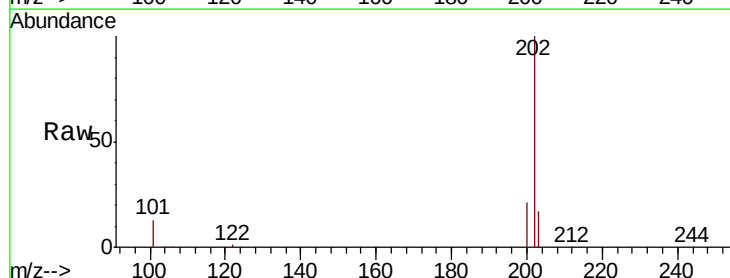
Tgt Ion:202 Resp: 60311

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

203 17.4 14.2 21.4

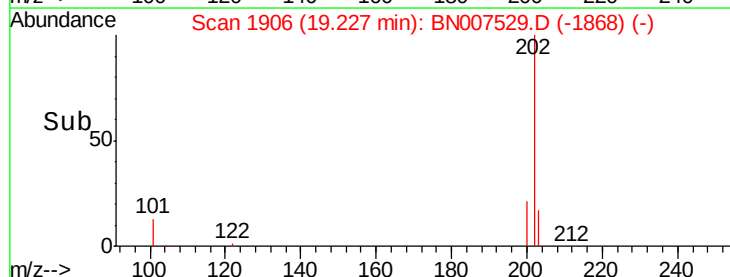
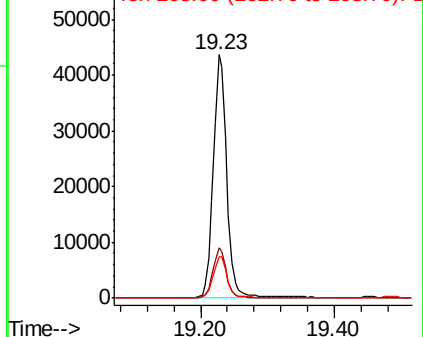


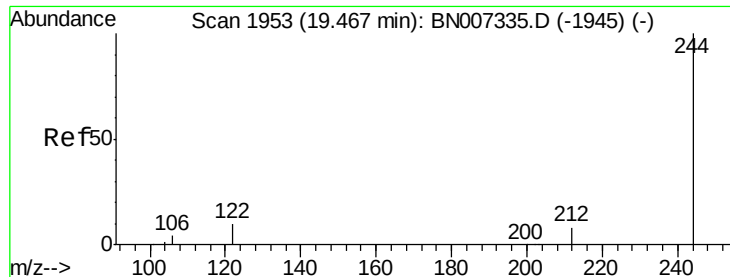
Abundance

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: 0.399 ng

RT: 19.45 min Scan# 1951

Delta R.T. -0.02 min

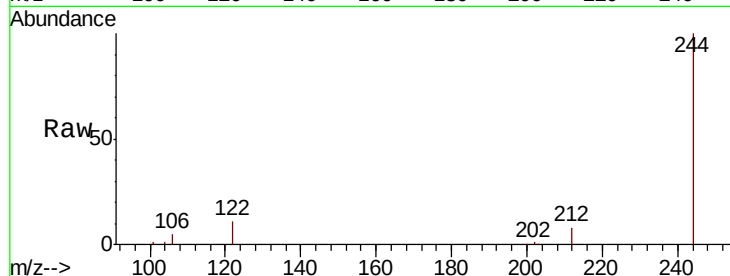
Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :



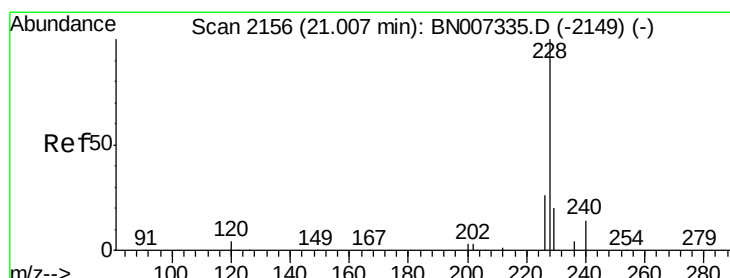
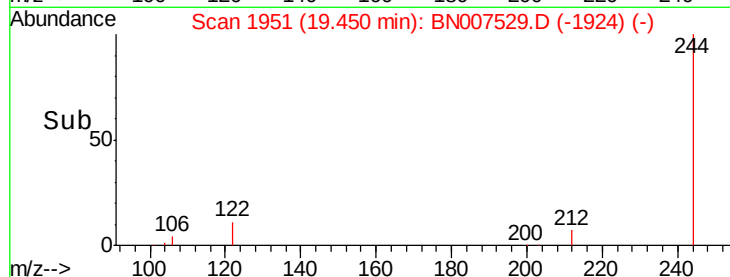
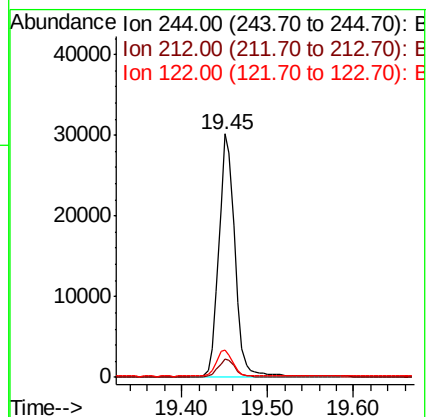
Tot Ion:244 Resp: 39275

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

122 11.4 9.6 14.4



#30

Benzo(a)anthracene

Concen: 0.368 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

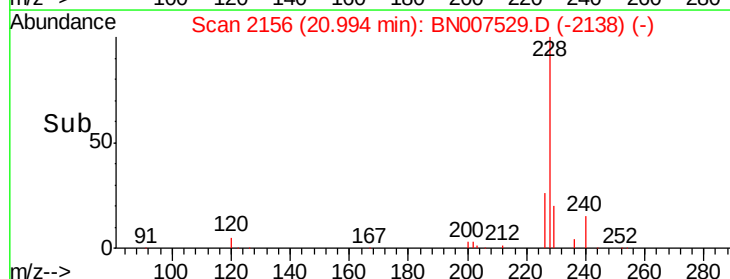
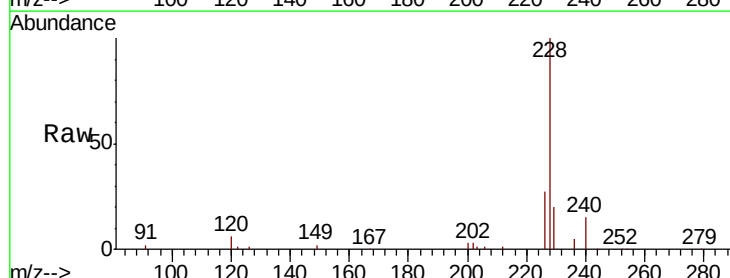
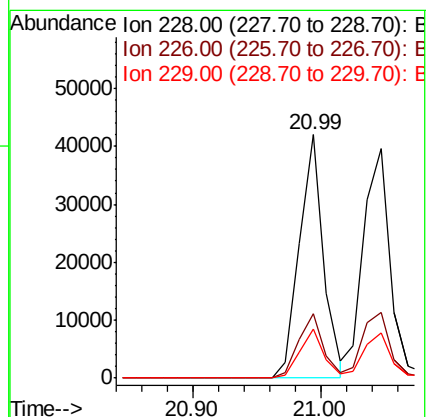
Tgt Ion:228 Resp: 54408

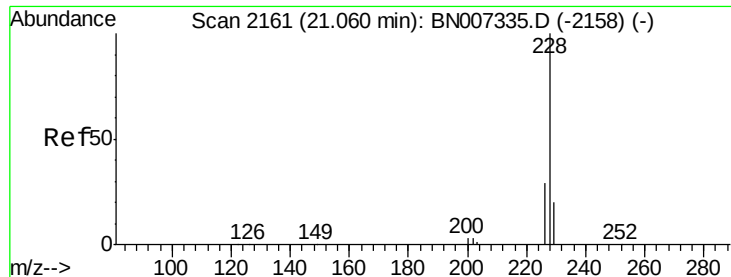
Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

229 20.0 16.1 24.1





#31

Chrysene

Concen: 0.401 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampled :

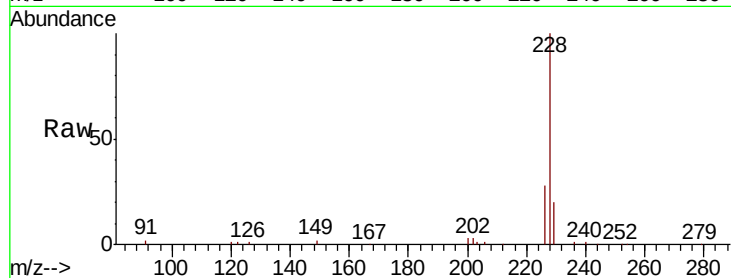
Tot Ion:228 Resp: 57225

Ion Ratio Lower Upper

228 100

226 28.4 23.5 35.3

229 20.0 16.6 24.8

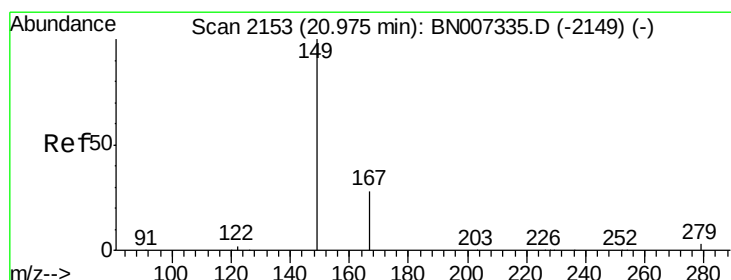
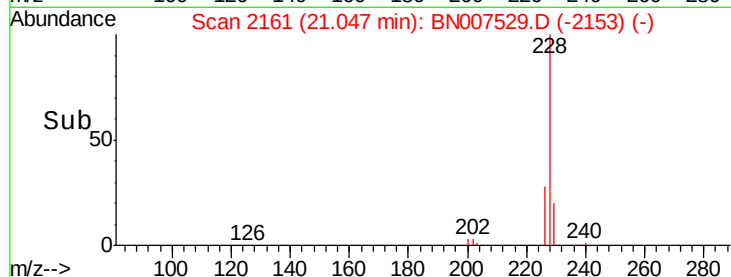
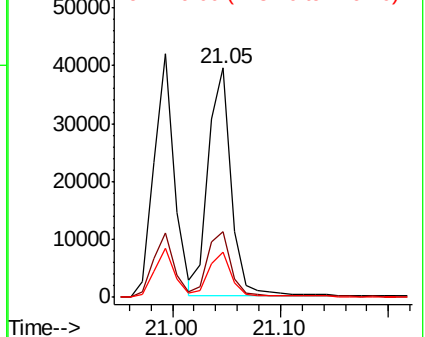


Abundance

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: 0.299 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

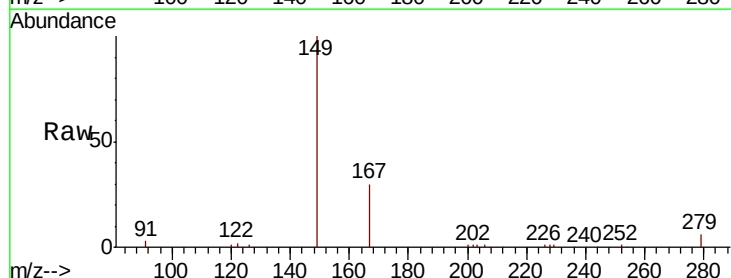
Tgt Ion:149 Resp: 30413

Ion Ratio Lower Upper

149 100

167 27.9 22.8 34.2

279 4.3 3.5 5.3

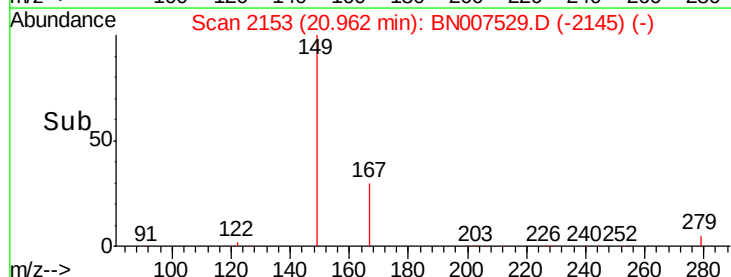
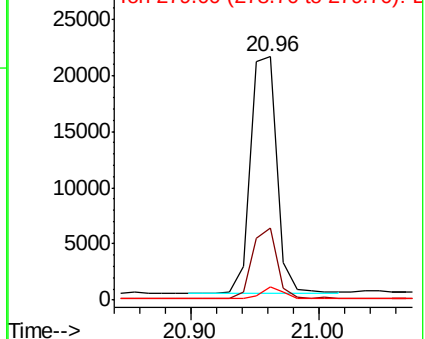


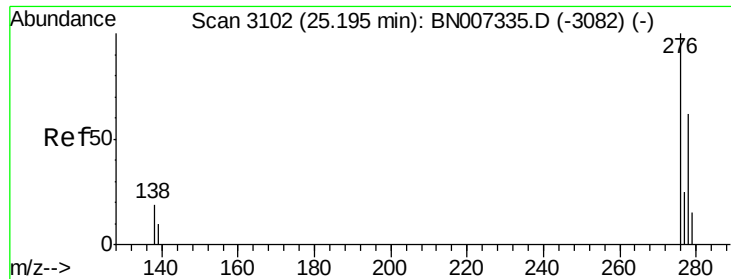
Abundance

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

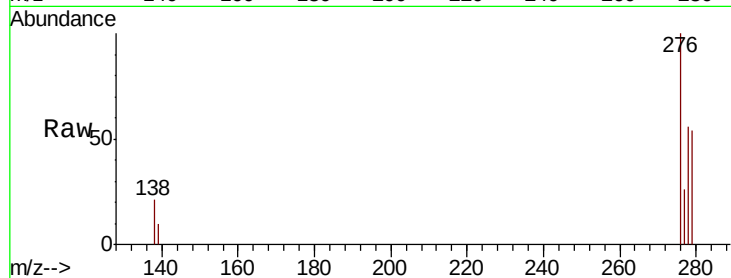




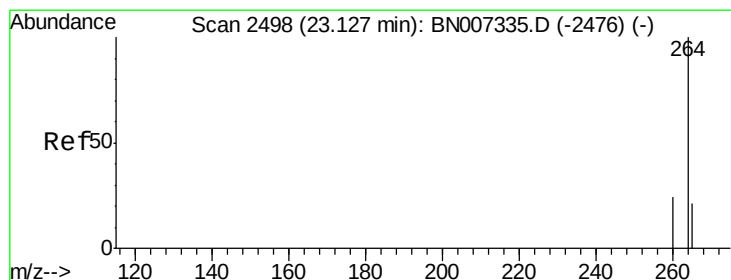
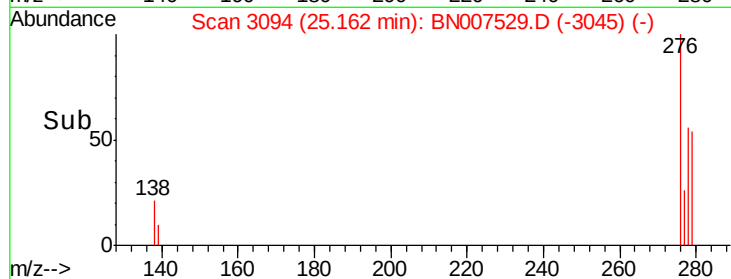
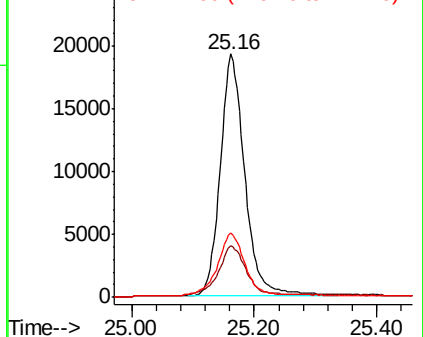
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.312 ng
 RT: 25.16 min Scan# 3094
 Delta R.T. -0.03 min
 Lab File: BN007529.D
 Acq: 01 Sep 2019 17:25

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 53550
 Ion Ratio Lower Upper
 276 100
 138 22.3 15.1 22.7
 277 27.9 19.7 29.5

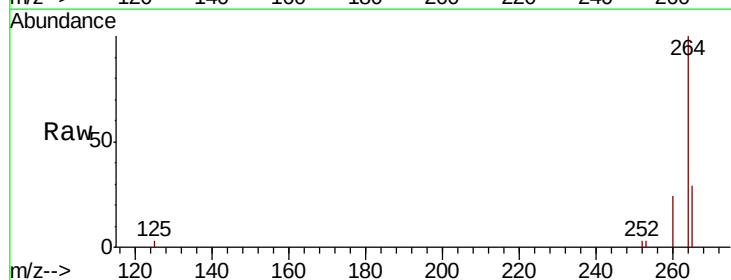


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

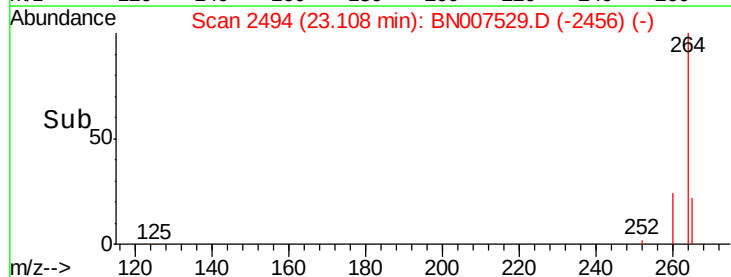
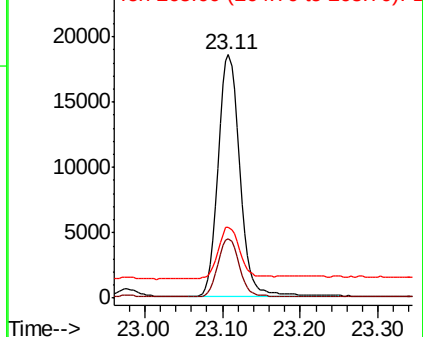


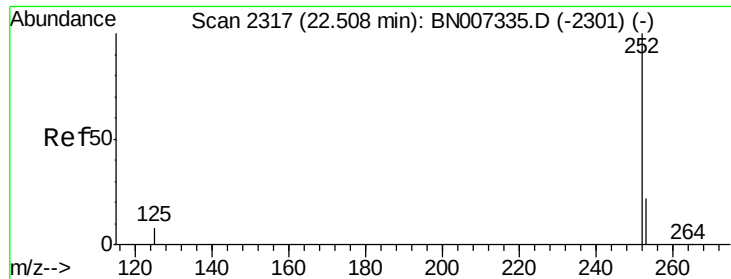
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BN007529.D
 Acq: 01 Sep 2019 17:25

Tgt Ion:264 Resp: 35503
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 29.2 29.9 44.9#



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

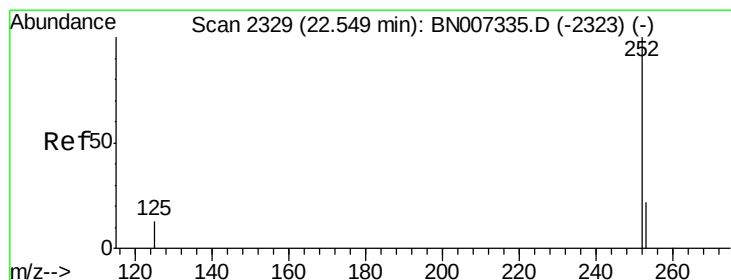
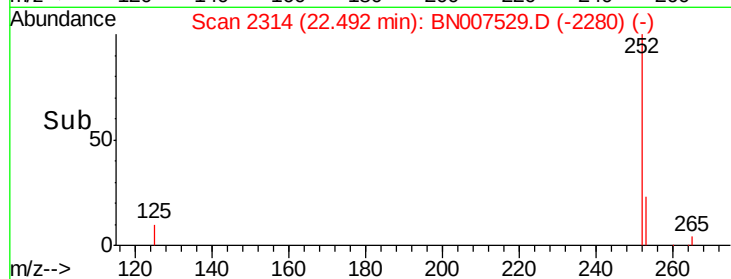
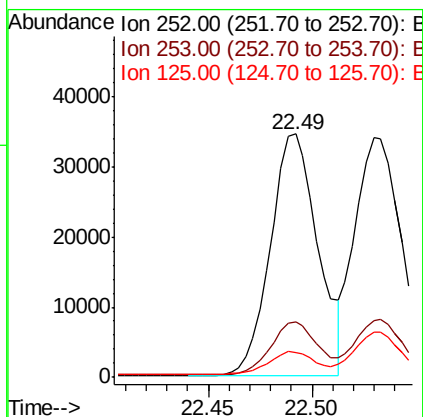
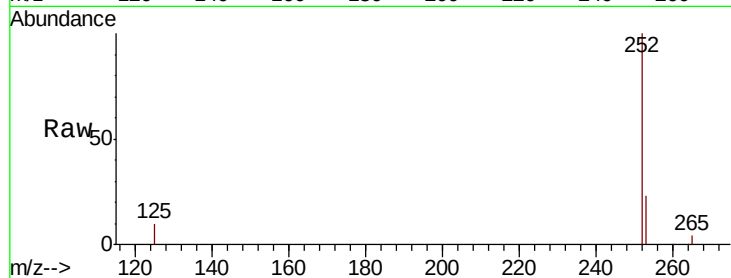




#35
Benzo(b)fluoranthene
Concen: 0.424 ng
RT: 22.49 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

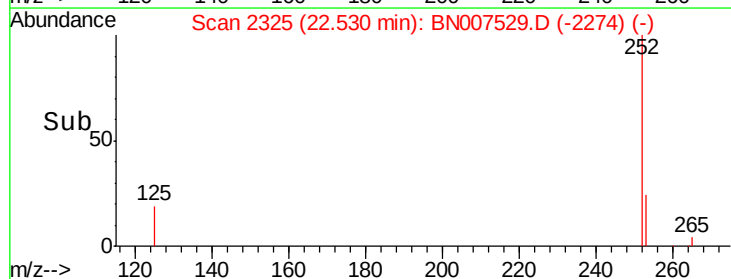
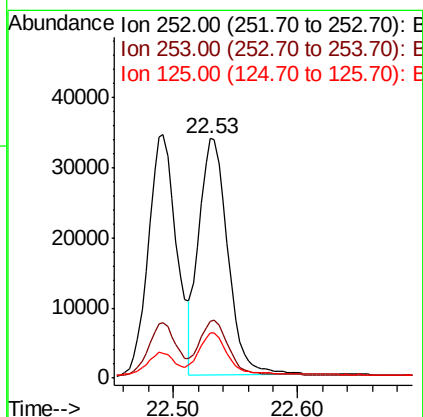
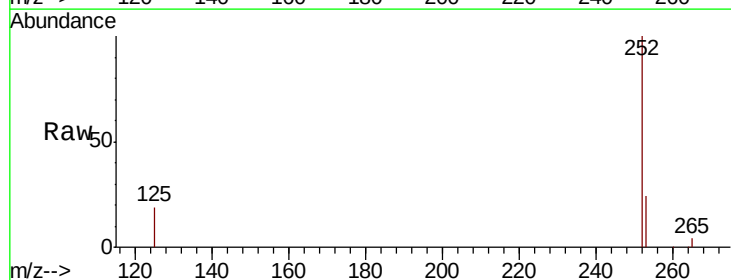
Instrument :
BNA_N
ClientSampleId :

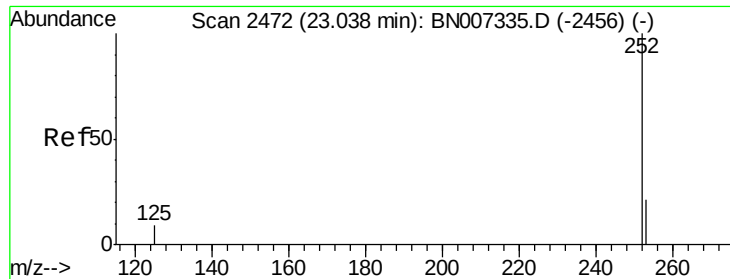
Tot Ion:252 Resp: 54571
Ion Ratio Lower Upper
252 100
253 22.8 19.2 28.8
125 10.3 10.6 16.0#



#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 22.53 min Scan# 2325
Delta R.T. -0.02 min
Lab File: BN007529.D
Acq: 01 Sep 2019 17:25

Tgt Ion:252 Resp: 54737
Ion Ratio Lower Upper
252 100
253 23.9 19.4 29.2
125 18.8 13.1 19.7





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.02 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :

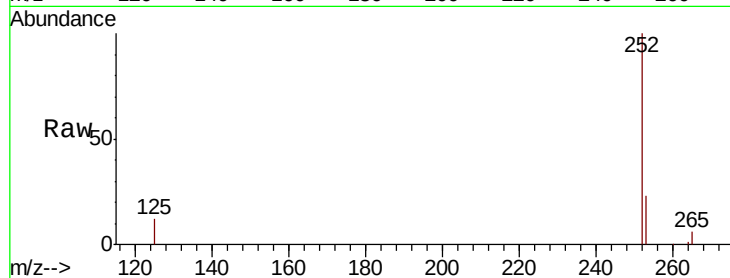
Tot Ion:252 Resp: 46526

Ion Ratio Lower Upper

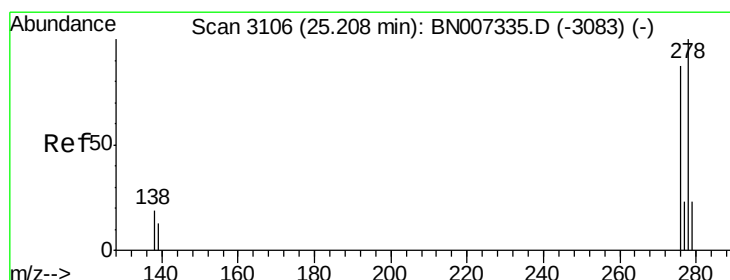
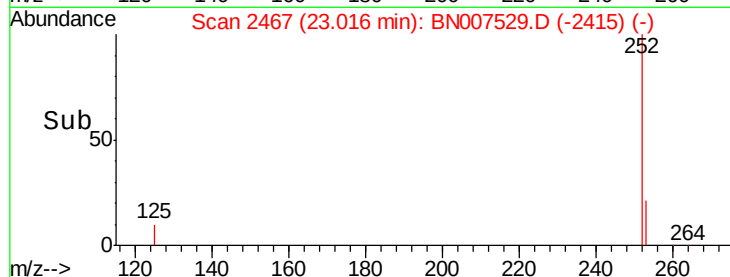
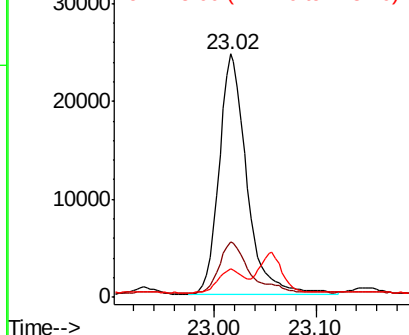
252 100

253 22.8 19.5 29.3

125 11.7 12.1 18.1#



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: 0.349 ng

RT: 25.18 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

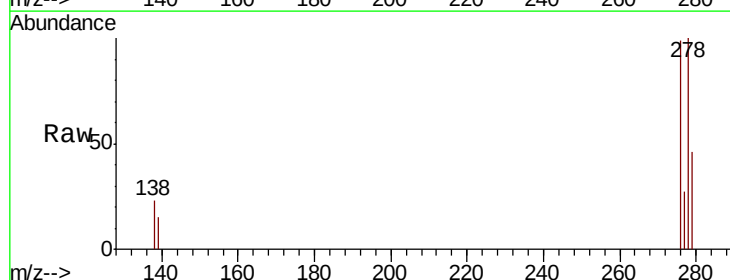
Tgt Ion:278 Resp: 42579

Ion Ratio Lower Upper

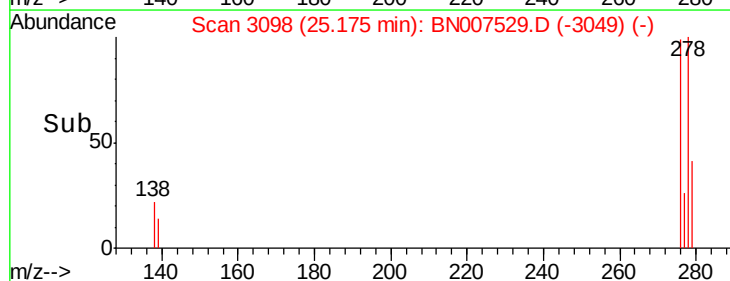
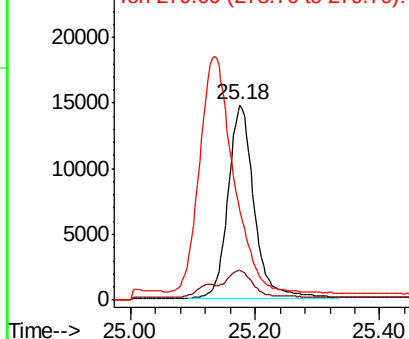
278 100

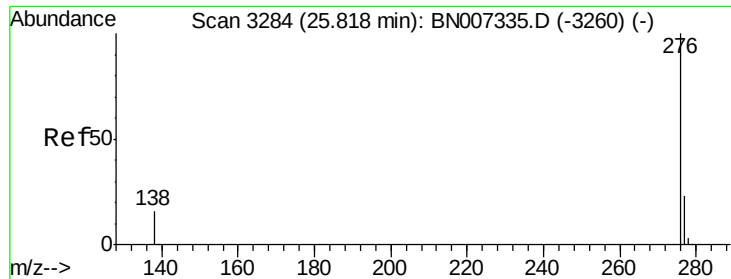
139 15.4 13.7 20.5

279 46.0 20.2 30.4#



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: 0.351 ng

RT: 25.78 min Scan# 3276

Delta R.T. -0.03 min

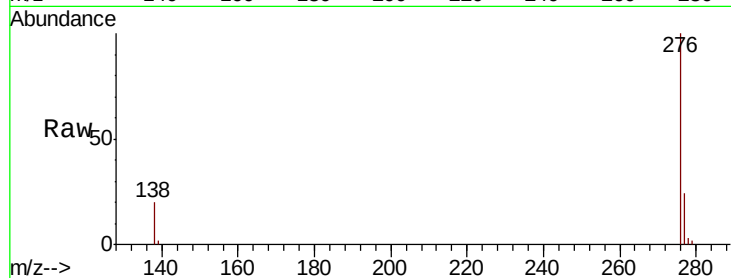
Lab File: BN007529.D

Acq: 01 Sep 2019 17:25

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 42746

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 20.1 16.3 24.5

