

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010156.D
 Acq On : 09 Mar 2020 21:42
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 22:37:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	824	0.40	ng	-0.04
7) Naphthalene-d8	10.13	136	2864	0.40	ng	-0.05
13) Acenaphthene-d10	14.01	164	1898	0.40	ng	-0.04
19) Phenanthrene-d10	16.78	188	4106	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	3731	0.40	ng	-0.03
34) Perylene-d12	23.10	264	4015	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	712	0.39	ng	-0.03
5) Phenol-d6	6.66	99	785	0.35	ng	0.00
8) Nitrobenzene-d5	8.59	82	752	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2167	0.39	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	289	0.40	ng	-0.03
15) 2-Fluorobiphenyl	12.64	172	2637	0.37	ng	-0.04
25) Fluoranthene-d10	18.83	212	5152	0.36	ng	-0.03
29) Terphenyl-d14	19.44	244	3337	0.37	ng	-0.03

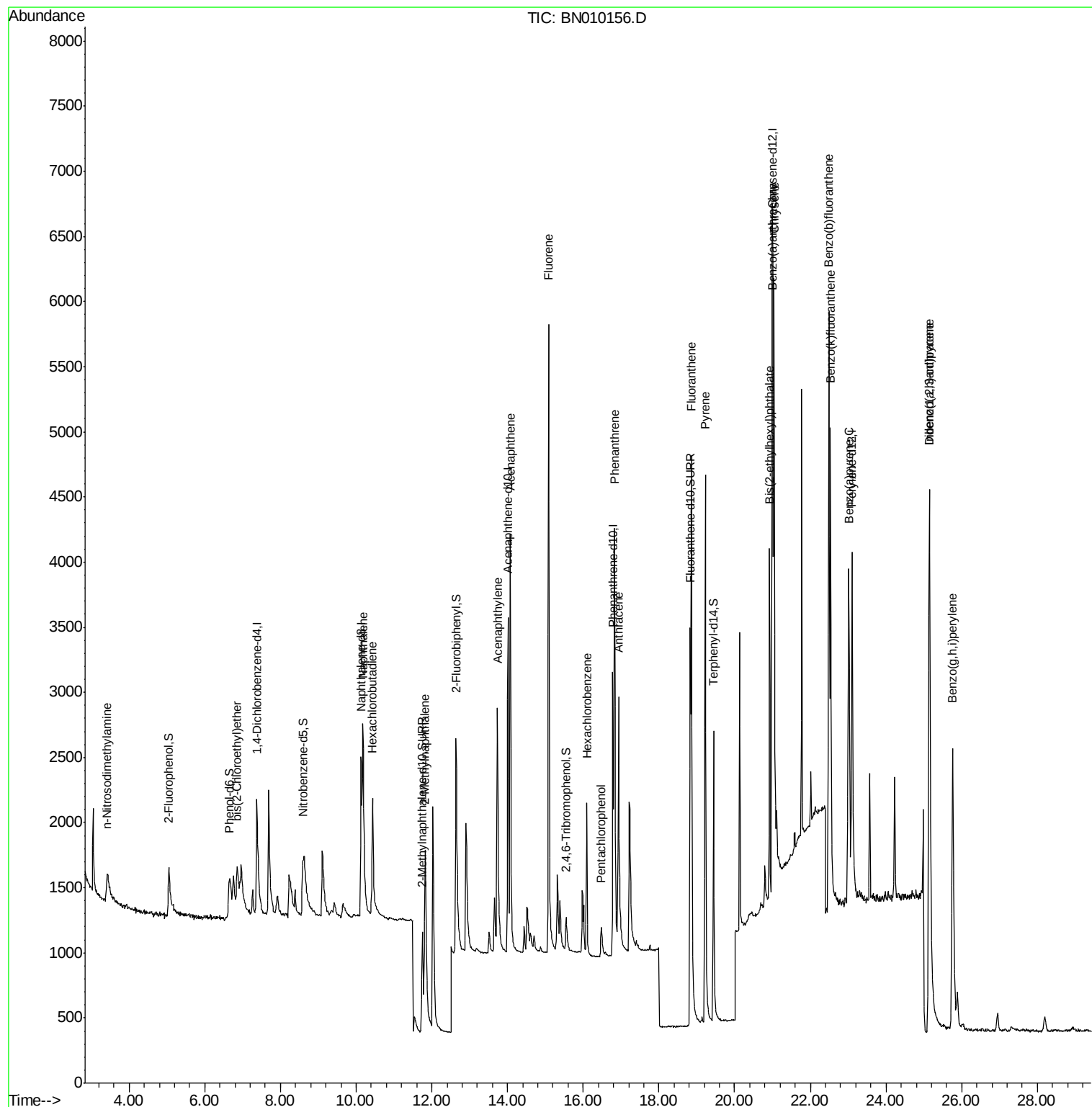
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.42	42	438	0.316	ng	# 94
6) bis(2-Chloroethyl)ether	6.86	93	717	0.331	ng	# 84
9) Naphthalene	10.18	128	2983	0.382	ng	97
10) Hexachlorobutadiene	10.43	225	697	0.406	ng	# 98
12) 2-Methylnaphthalene	11.83	142	2042	0.381	ng	97
16) Acenaphthylene	13.73	152	3063	0.379	ng	99
17) Acenaphthene	14.08	154	2179	0.383	ng	99
18) Fluorene	15.08	166	2767	0.369	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	302	Below Cal		94
21) Hexachlorobenzene	16.09	284	1020	0.399	ng	98
22) Pentachlorophenol	16.48	266	219	0.434	ng	97
23) Phenanthrene	16.83	178	4374	0.358	ng	99
24) Anthracene	16.93	178	3698	0.358	ng	99
26) Fluoranthene	18.85	202	5246	0.359	ng	99
28) Pyrene	19.22	202	5384	0.380	ng	99
30) Benzo(a)anthracene	20.99	228	4161	0.336	ng	100
31) Chrysene	21.04	228	5422	0.379	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	2335	0.386	ng	99
33) Indeno(1,2,3-cd)pyrene	25.14	276	5951	0.399	ng	99
35) Benzo(b)fluoranthene	22.49	252	5255	0.358	ng	97
36) Benzo(k)fluoranthene	22.53	252	6015	0.376	ng	99
37) Benzo(a)pyrene	23.02	252	5039	0.376	ng	# 94
38) Dibenzo(a,h)anthracene	25.15	278	4695	0.356	ng	99
39) Benzo(g,h,i)perylene	25.76	276	5347	0.381	ng	99

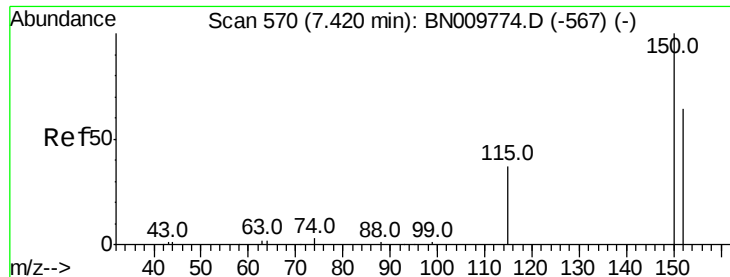
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_N
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Quant Time: Mar 09 22:37:00 2020
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QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.38 min Scan# 565

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

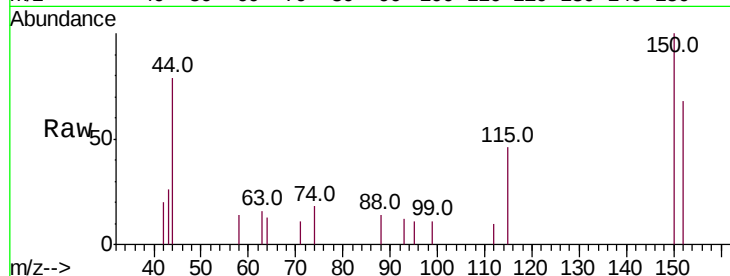
Tot Ion:152 Resp: 824

Ion Ratio Lower Upper

152 100

150 146.5 120.6 181.0

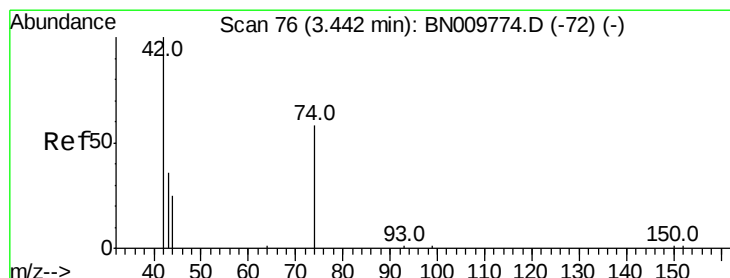
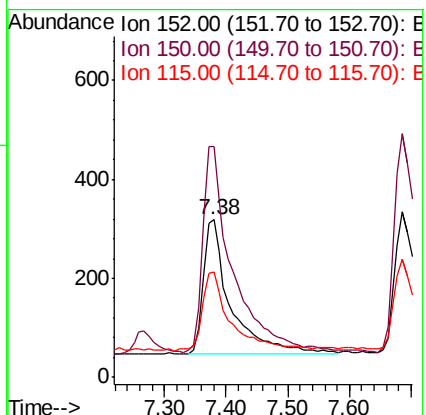
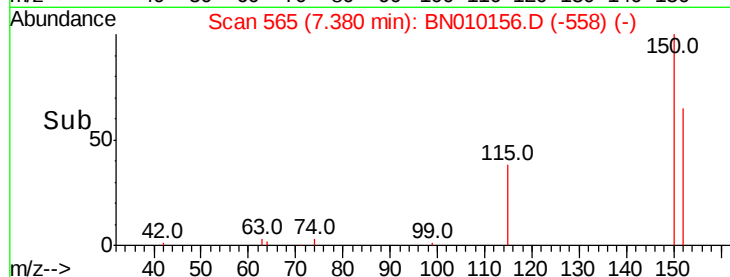
115 67.0 51.2 76.8



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



#3

n-Nitrosodimethylamine

Concen: 0.316 ng

RT: 3.42 min Scan# 73

Delta R.T. -0.02 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

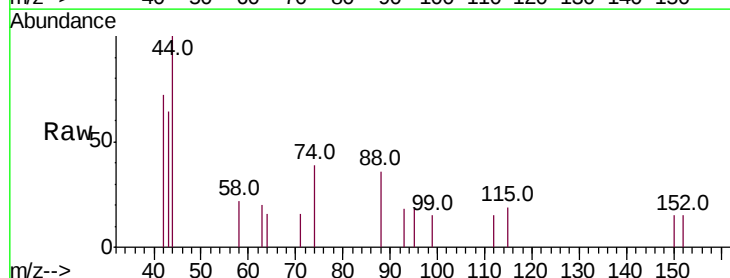
Tgt Ion: 42 Resp: 438

Ion Ratio Lower Upper

42 100

74 67.8 51.2 76.8

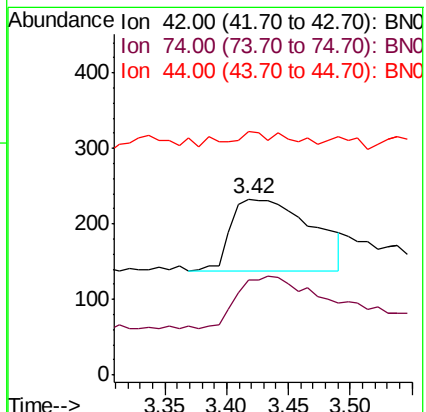
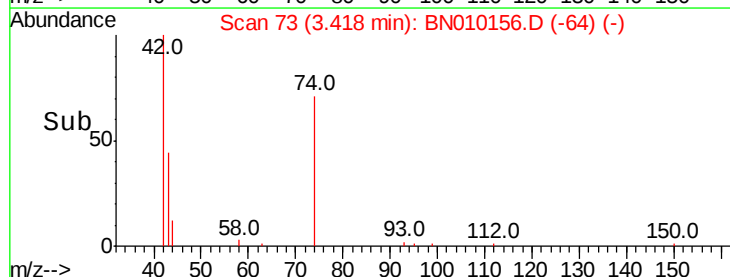
44 10.3 2.6 4.0#

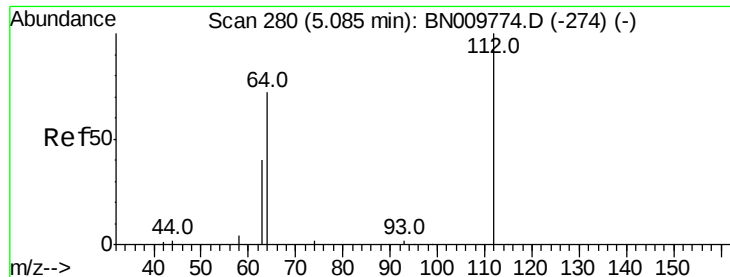


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.389 ng

RT: 5.05 min Scan# 276

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampled :

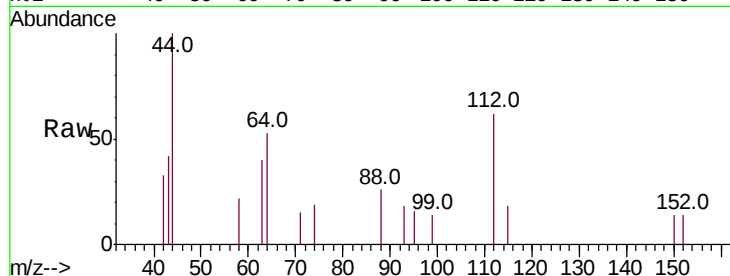
Tot Ion: 112 Resp: 712

Ion Ratio Lower Upper

112 100

64 79.2 65.8 98.6

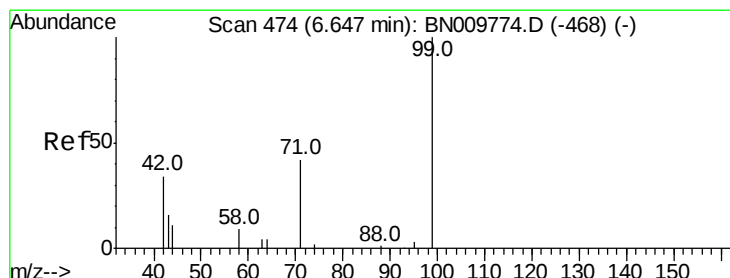
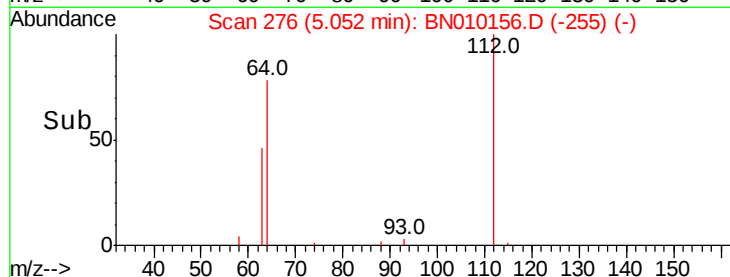
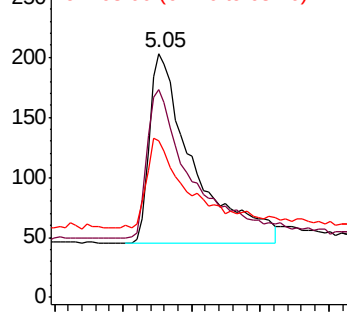
63 45.5 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.352 ng

RT: 6.66 min Scan# 475

Delta R.T. 0.01 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

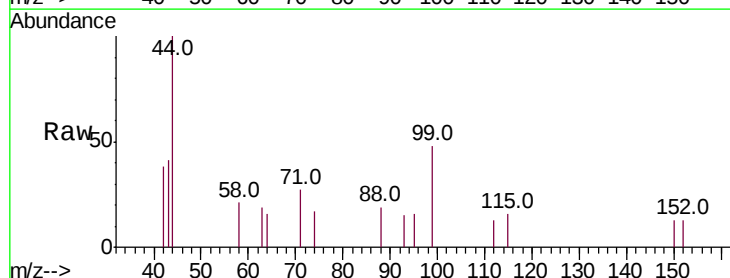
Tgt Ion: 99 Resp: 785

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

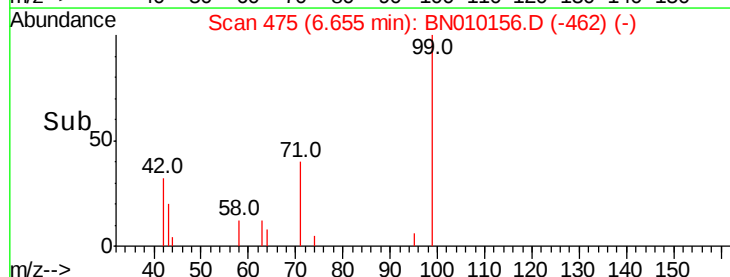
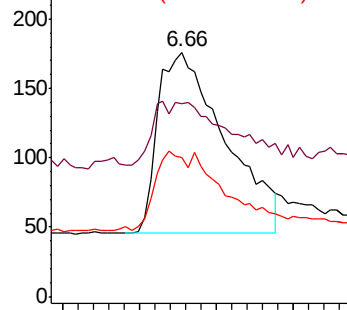
71 0.0 34.9 52.3#

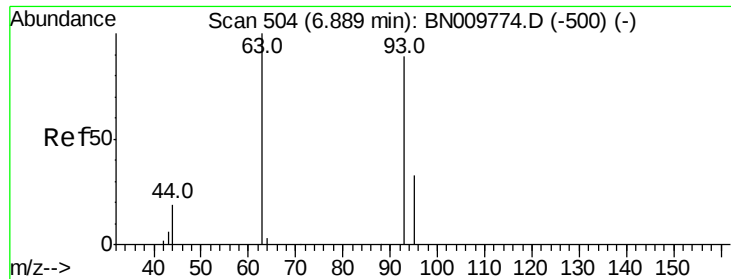


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.331 ng

RT: 6.86 min Scan# 500

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

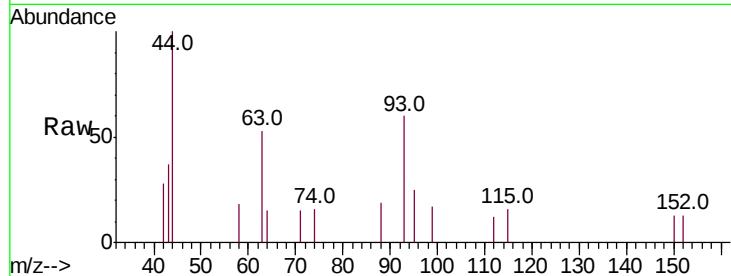
Tot Ion: 93 Resp: 717

Ion Ratio Lower Upper

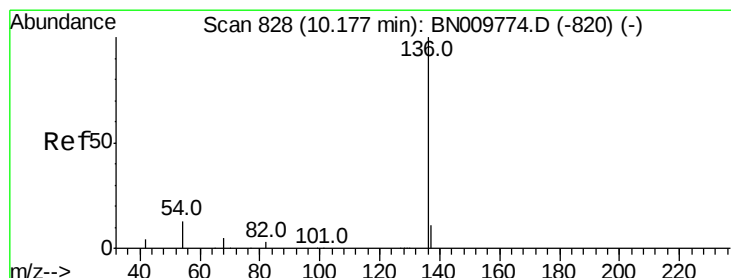
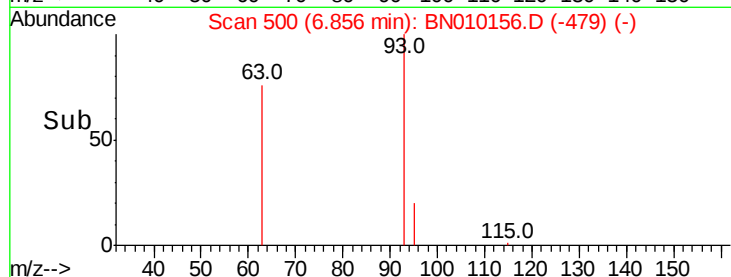
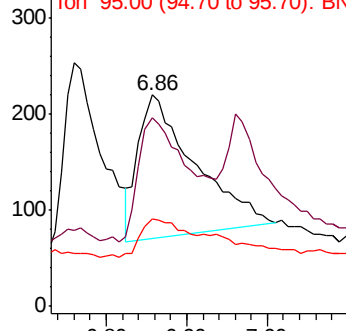
93 100

63 79.6 74.0 111.0

95 19.8 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.05 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Tgt Ion: 136 Resp: 2864

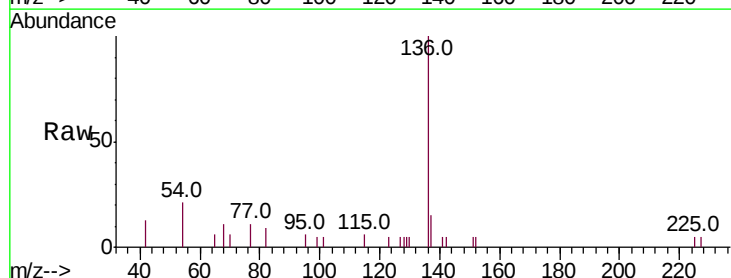
Ion Ratio Lower Upper

136 100

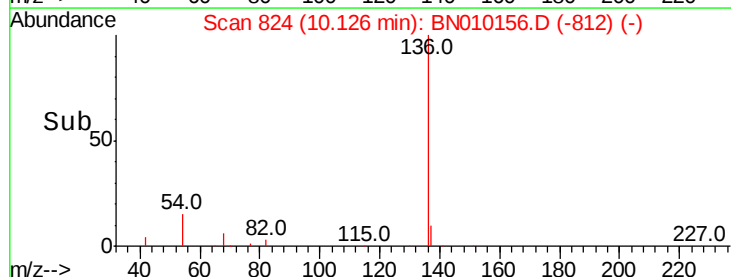
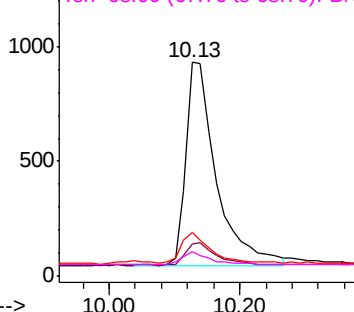
137 14.8 11.3 16.9

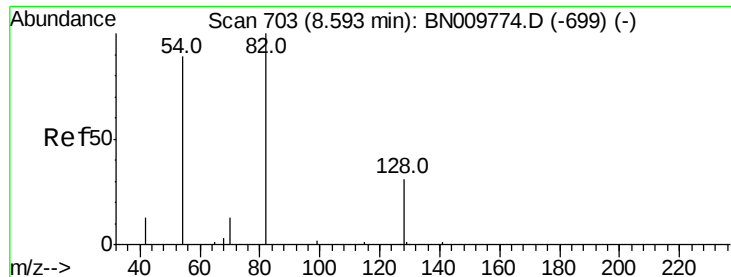
54 20.5 13.4 20.2#

68 11.2 7.0 10.4#



Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)





#8

Nitrobenzene-d5

Concen: 0.316 ng

RT: 8.59 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

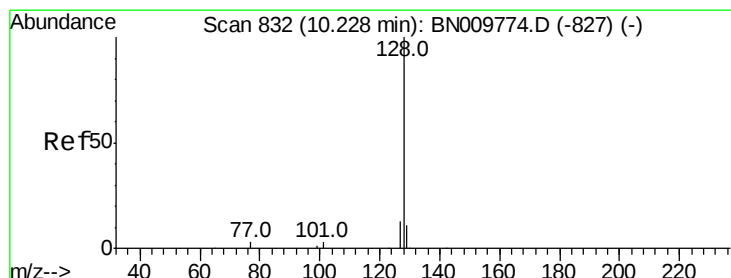
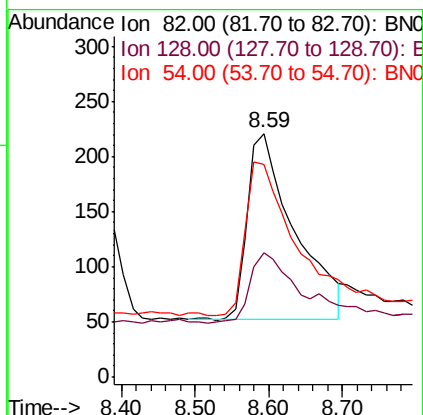
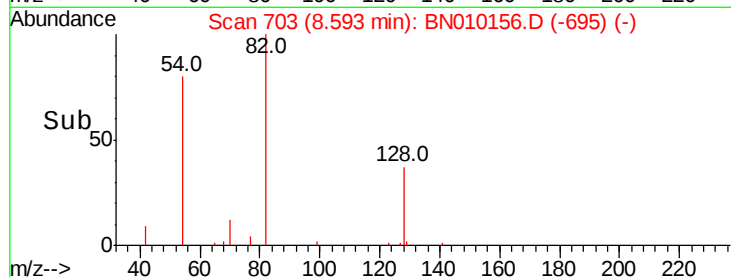
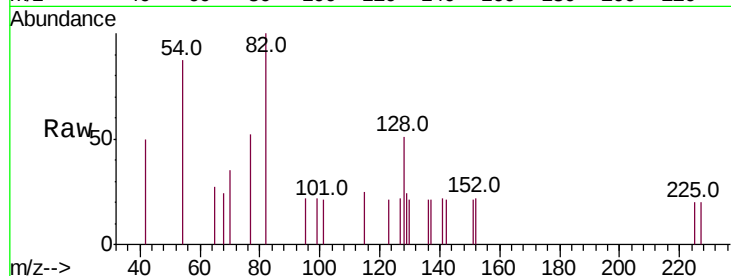
Tot Ion: 82 Resp: 752

Ion Ratio Lower Upper

82 100

128 51.1 32.5 48.7#

54 87.3 73.5 110.3



#9

Naphthalene

Concen: 0.382 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.05 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

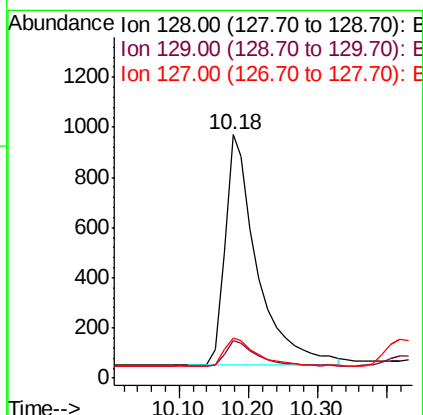
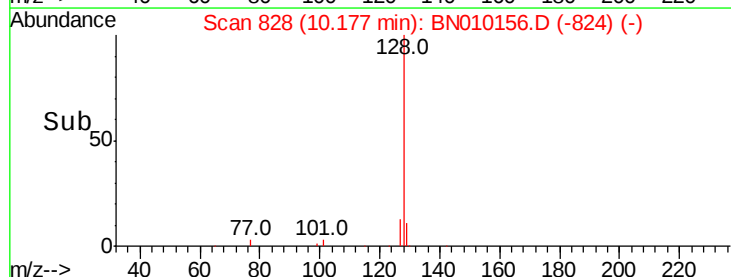
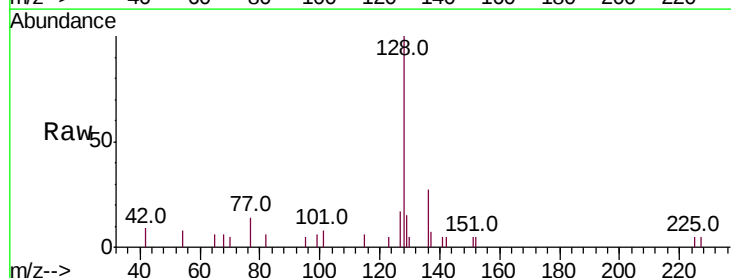
Tgt Ion: 128 Resp: 2983

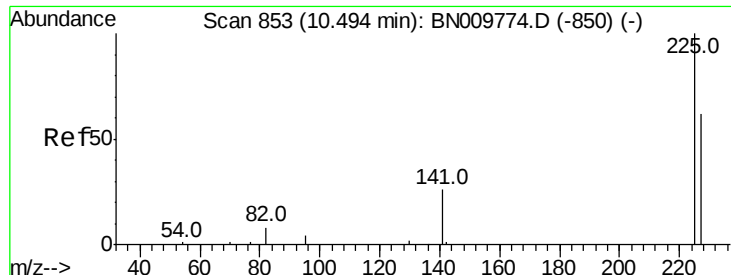
Ion Ratio Lower Upper

128 100

129 15.2 11.1 16.7

127 16.7 12.6 19.0

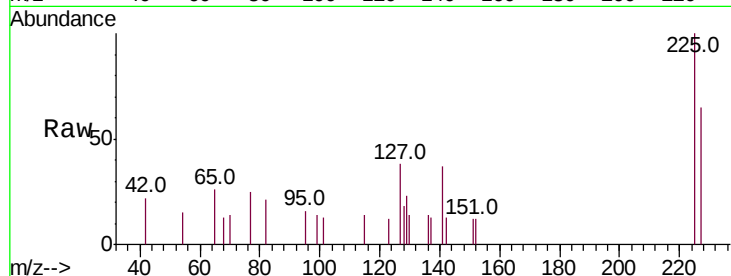




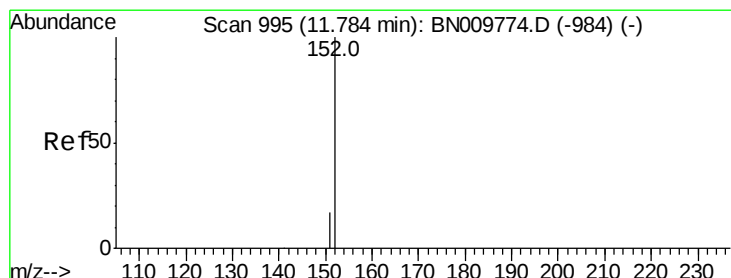
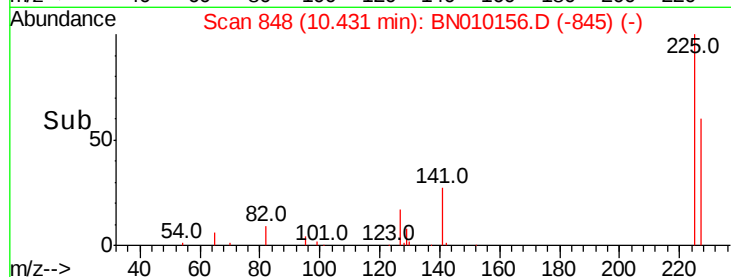
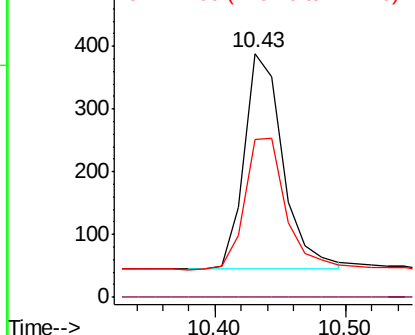
#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:225 Resp: 697
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.4 53.4 80.2

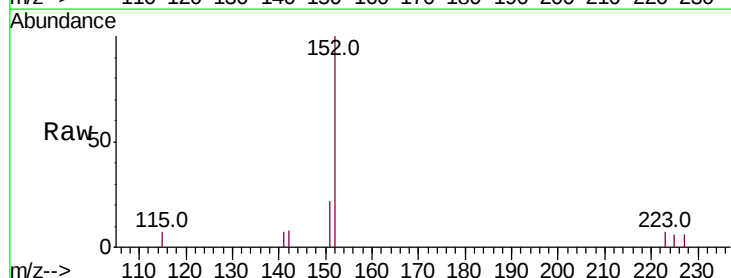


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

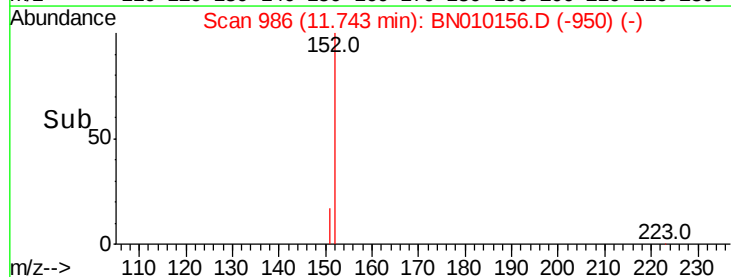
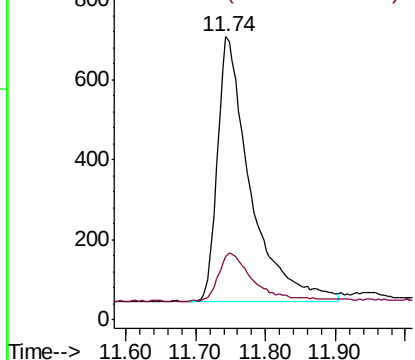


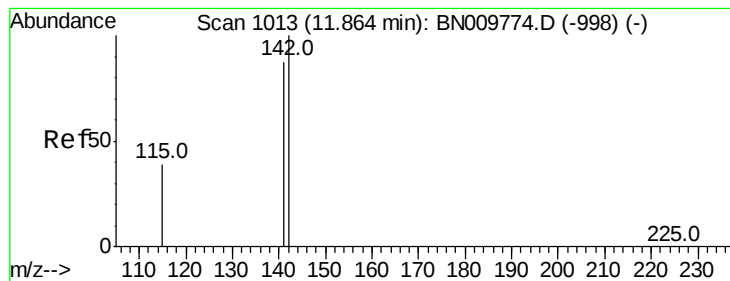
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:152 Resp: 2167
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.381 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampled :

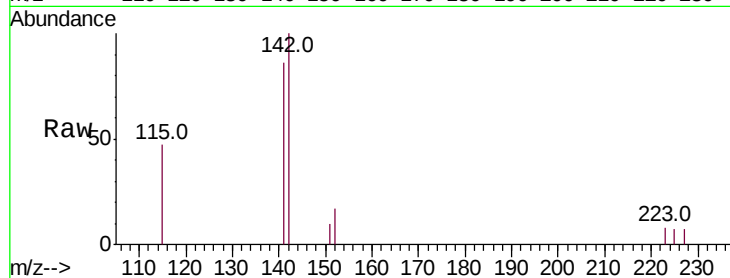
Tot Ion:142 Resp: 2042

Ion Ratio Lower Upper

142 100

141 86.2 69.8 104.6

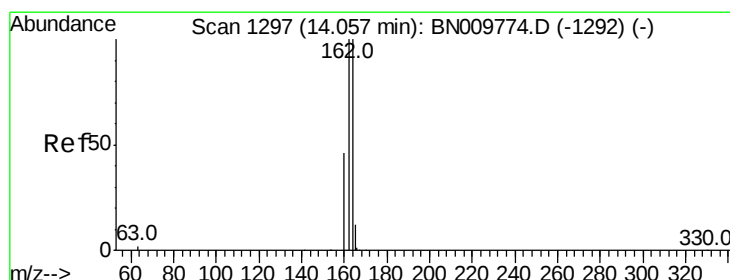
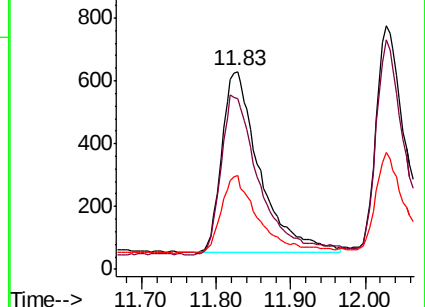
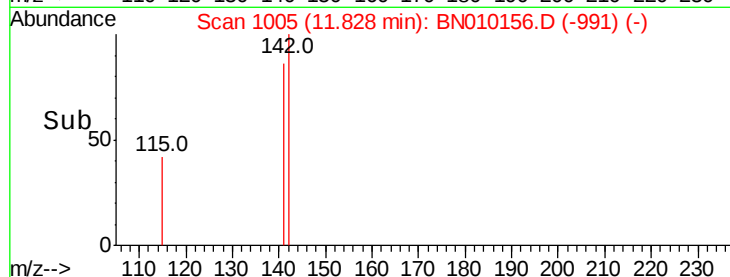
115 47.1 34.6 52.0



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

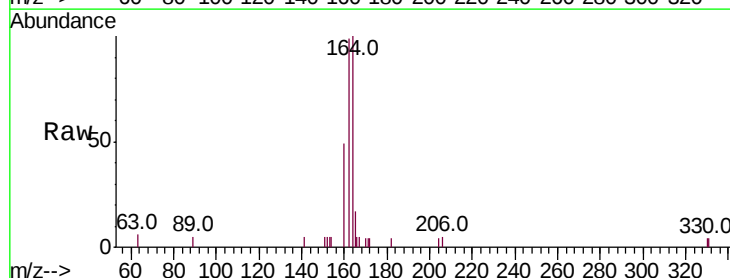
Tgt Ion:164 Resp: 1898

Ion Ratio Lower Upper

164 100

162 98.7 79.9 119.9

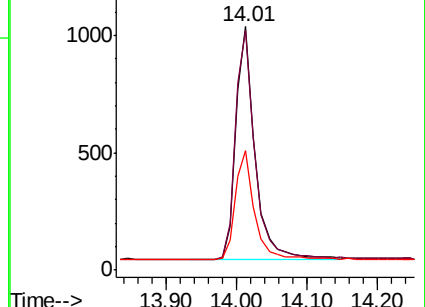
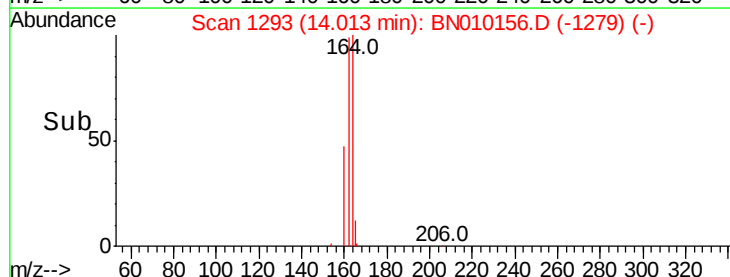
160 48.9 38.2 57.2

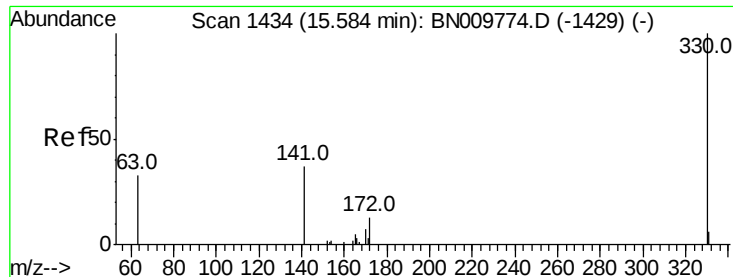


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

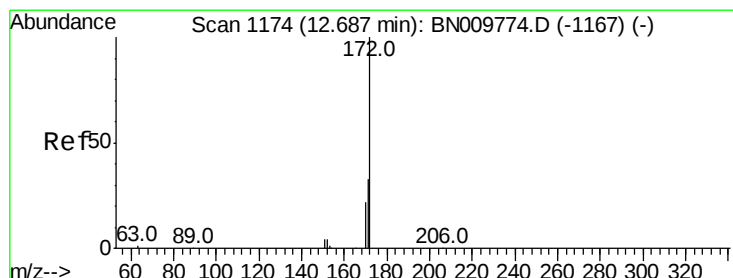
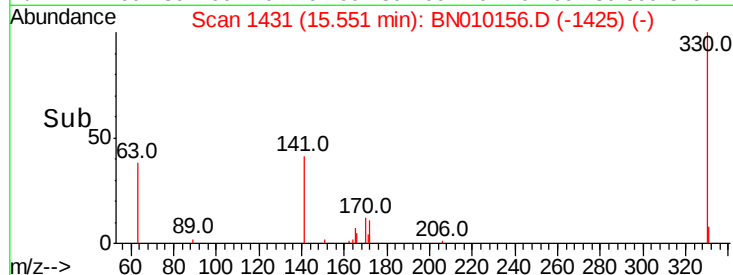
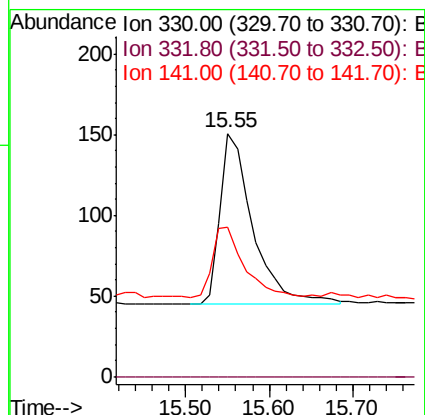
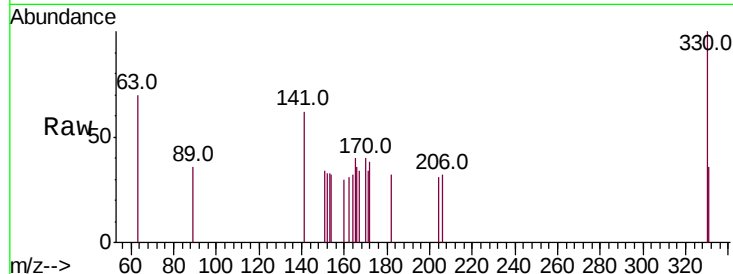




#14
 2,4,6-Tribromophenol
 Concen: 0.395 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BN010156.D
 Acq: 09 Mar 2020 21:42

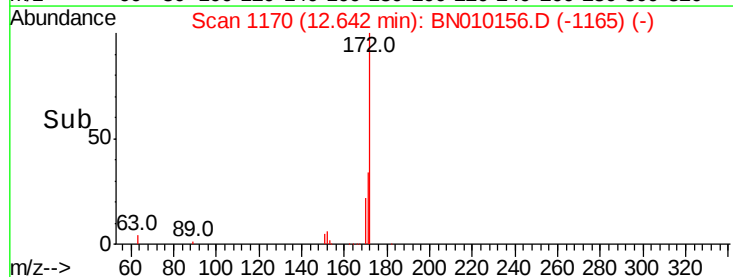
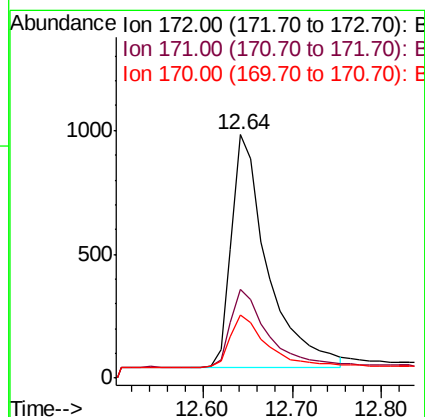
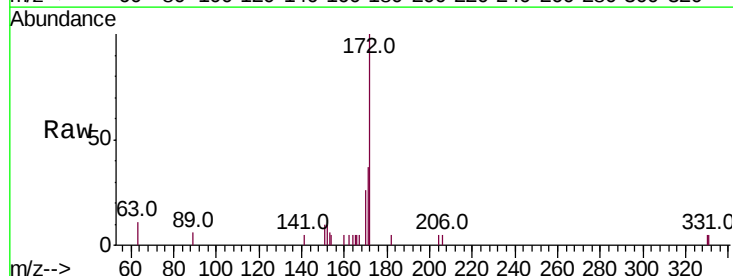
Instrument :
 BNA_N
 ClientSampleId :

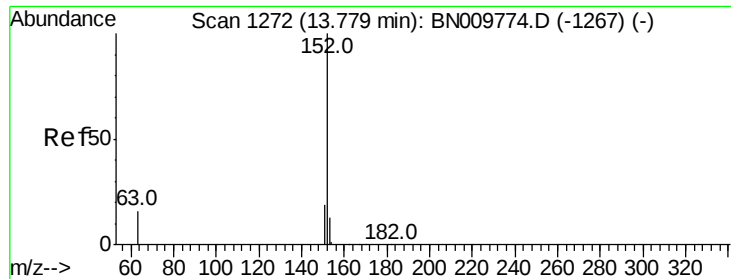
Tot Ion:330 Resp: 289
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.5 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.368 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010156.D
 Acq: 09 Mar 2020 21:42

Tgt Ion:172 Resp: 2637
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.7 43.1
 170 26.0 20.1 30.1





#16

Acenaphthylene

Concen: 0.379 ng

RT: 13.73 min Scan# 1268

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

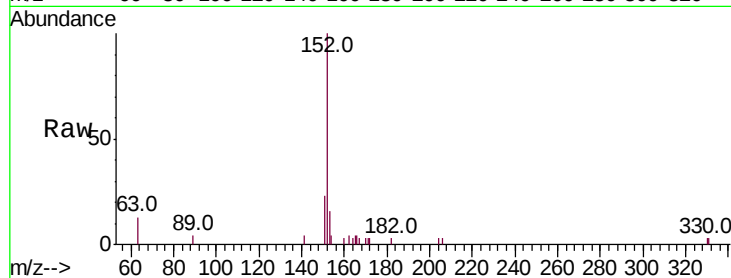
Tot Ion:152 Resp: 3063

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.6

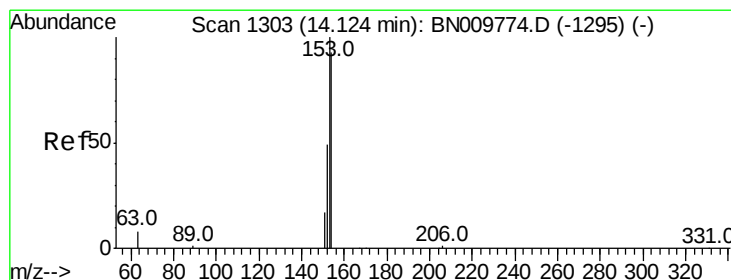
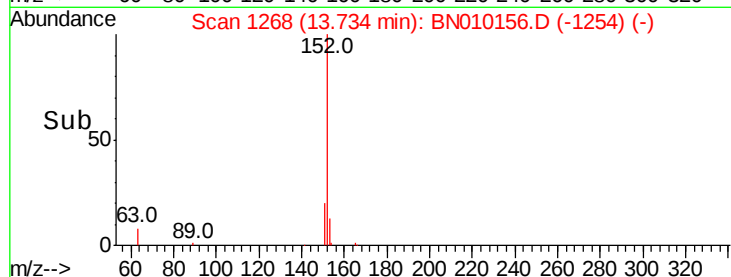
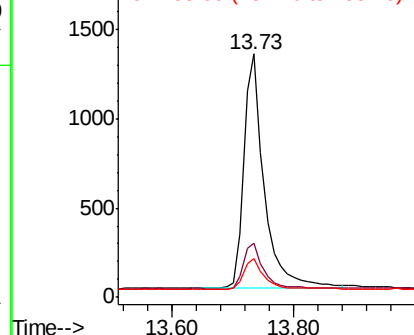
153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.383 ng

RT: 14.08 min Scan# 1299

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

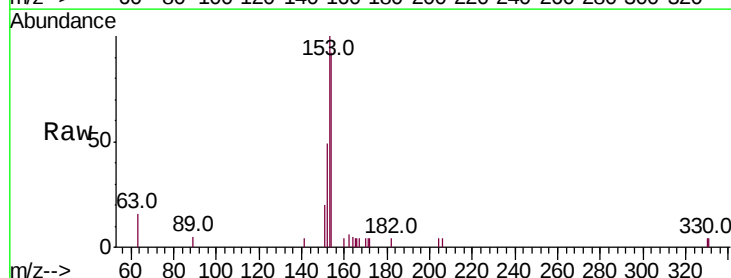
Tgt Ion:154 Resp: 2179

Ion Ratio Lower Upper

154 100

153 112.9 88.9 133.3

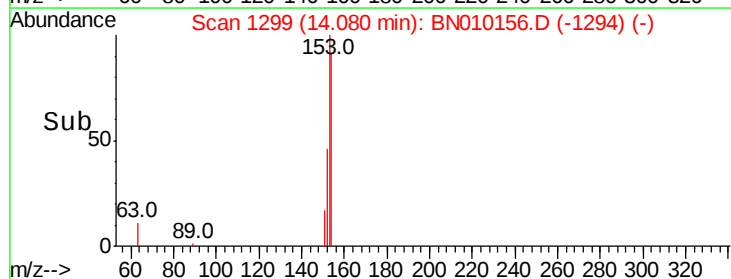
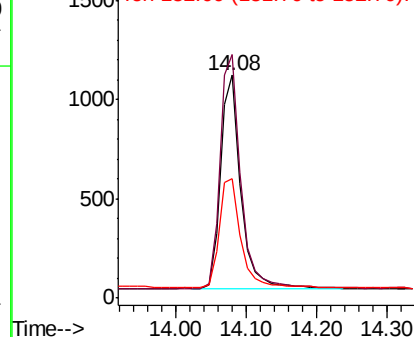
152 54.5 44.2 66.2

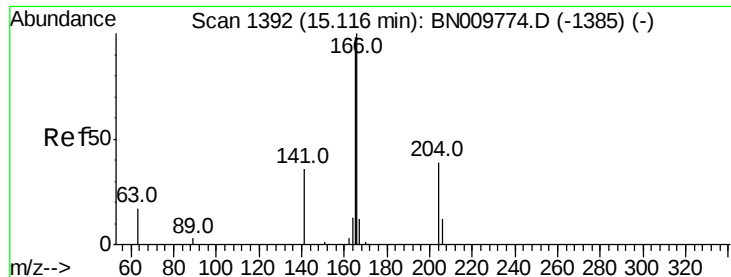


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.369 ng

RT: 15.08 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

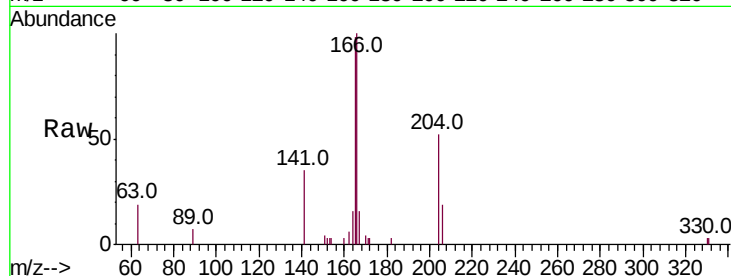
Instrument :

BNA_N

ClientSampleId :

Tot Ion:166 Resp: 2767

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.2	115.8
167	14.1	10.5	15.7

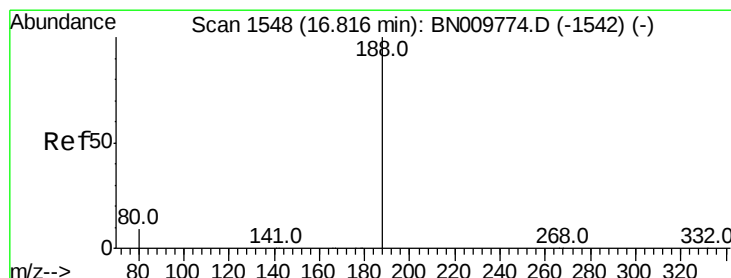
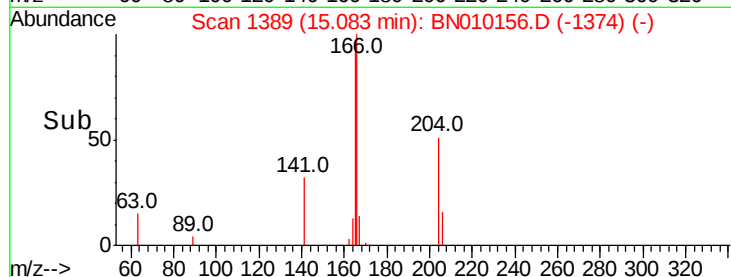
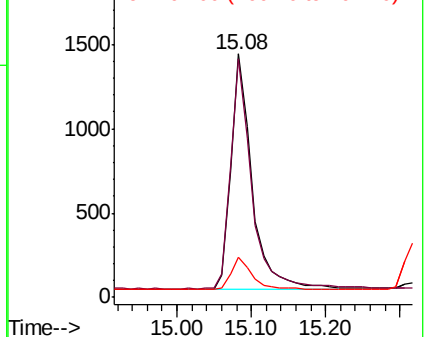


Abundance

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: 16.78 min Scan# 1545

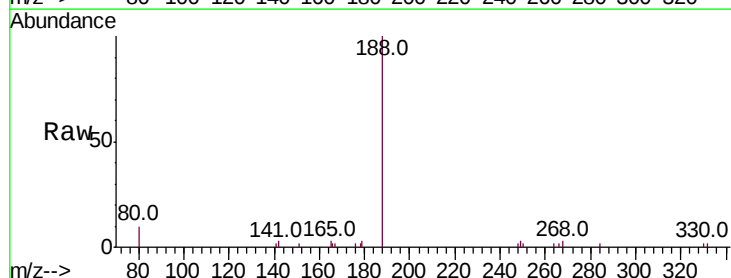
Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Tgt Ion:188 Resp: 4106

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	8.3	12.5

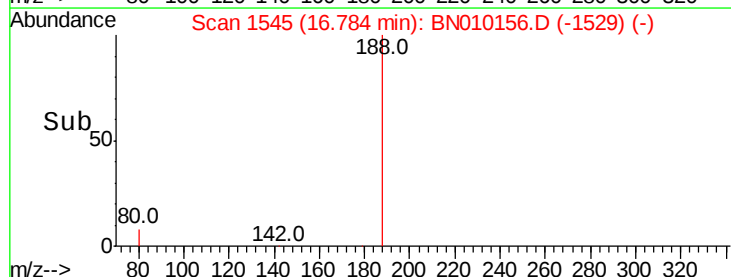
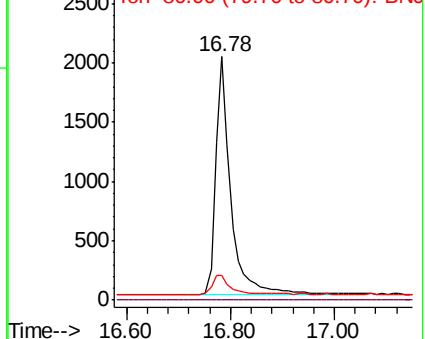


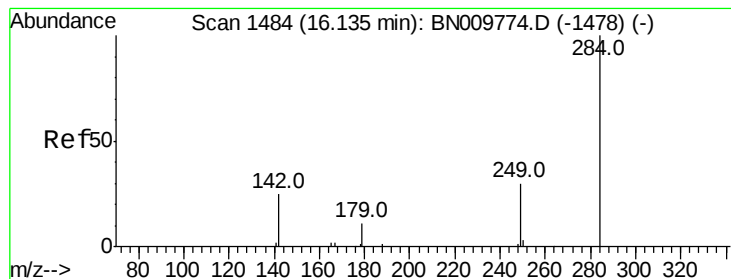
Abundance

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





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.09 min Scan# 1480

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

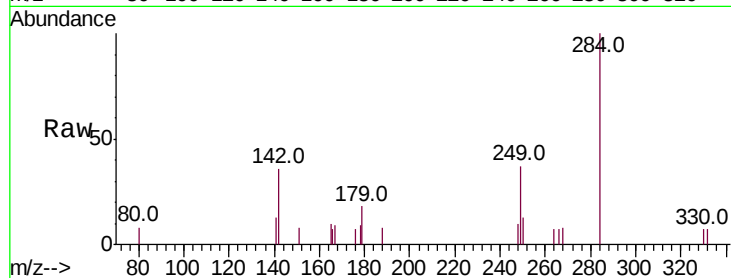
Tot Ion:284 Resp: 1020

Ion Ratio Lower Upper

284 100

142 39.7 33.3 49.9

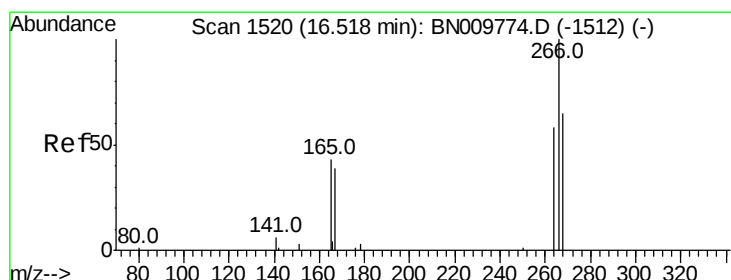
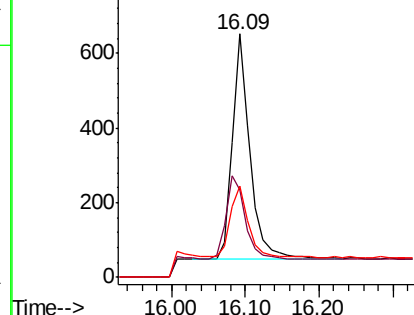
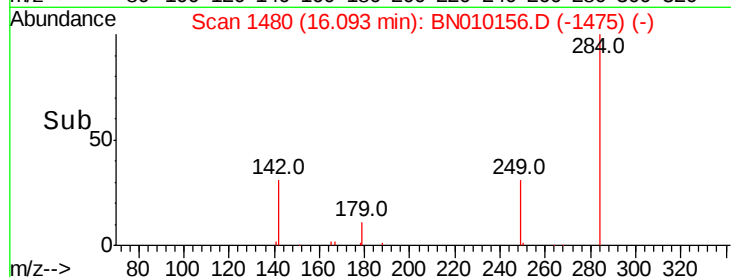
249 32.7 25.7 38.5



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: 0.434 ng

RT: 16.48 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

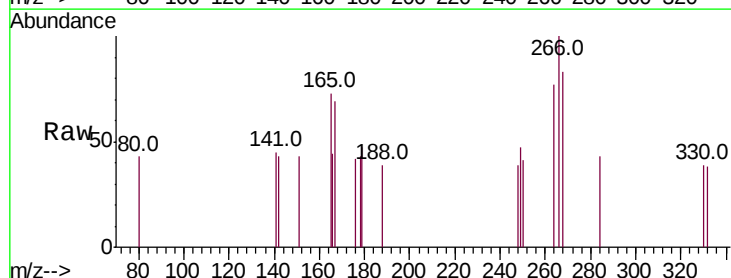
Tgt Ion:266 Resp: 219

Ion Ratio Lower Upper

266 100

264 76.5 58.1 87.1

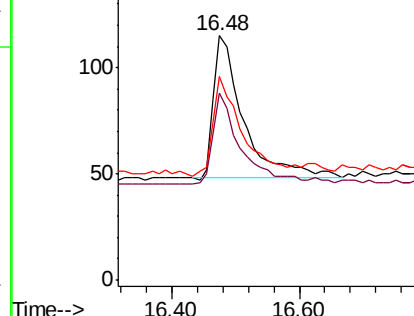
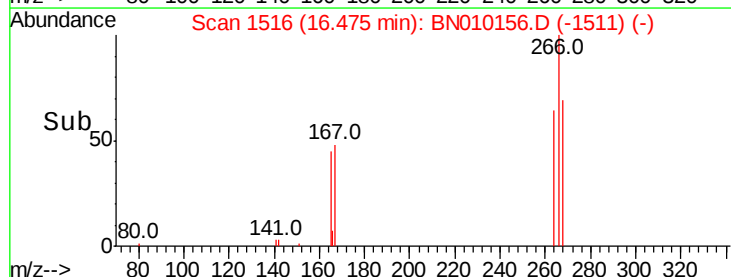
268 83.5 65.7 98.5

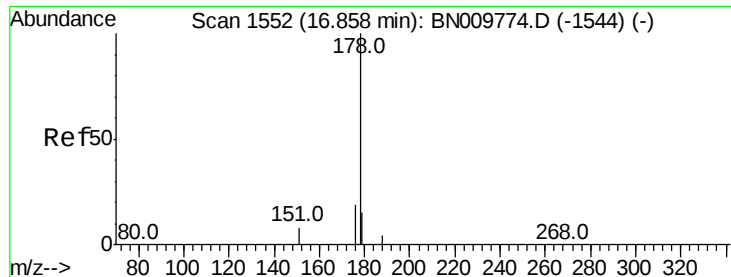


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.358 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

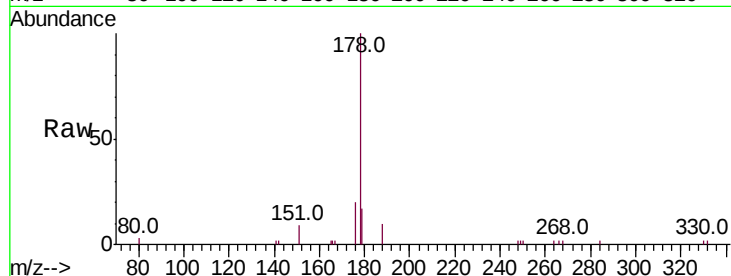
Tot Ion:178 Resp: 4374

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

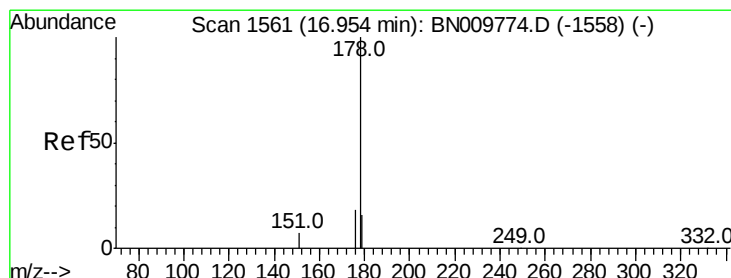
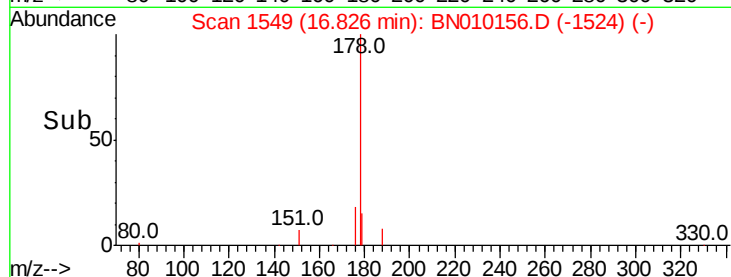
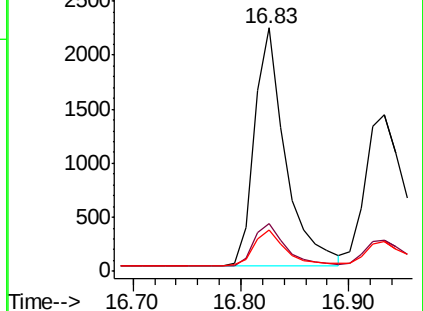
179 15.4 12.4 18.6



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



#24

Anthracene

Concen: 0.358 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

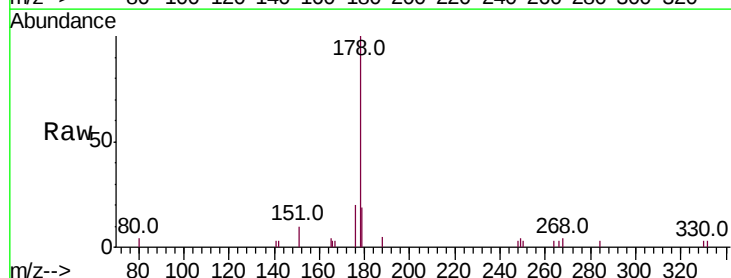
Tgt Ion:178 Resp: 3698

Ion Ratio Lower Upper

178 100

176 18.2 14.3 21.5

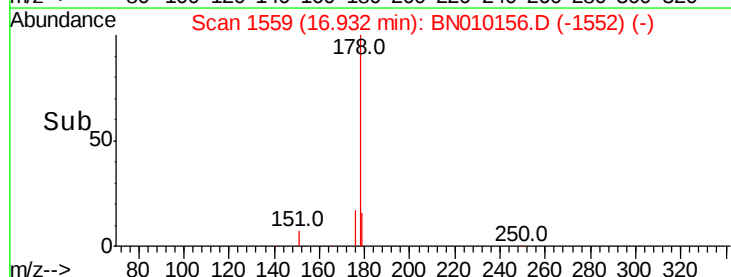
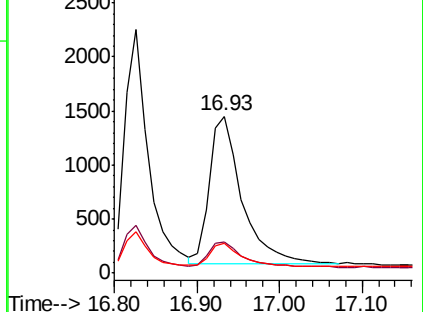
179 14.7 12.4 18.6

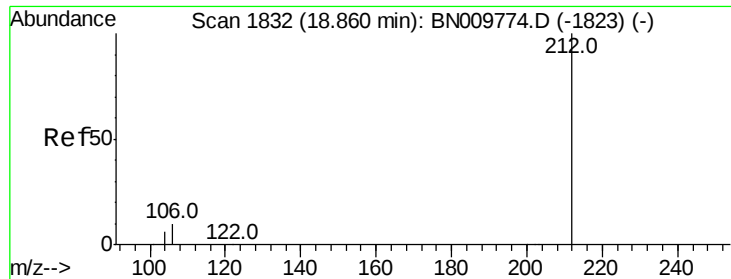


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

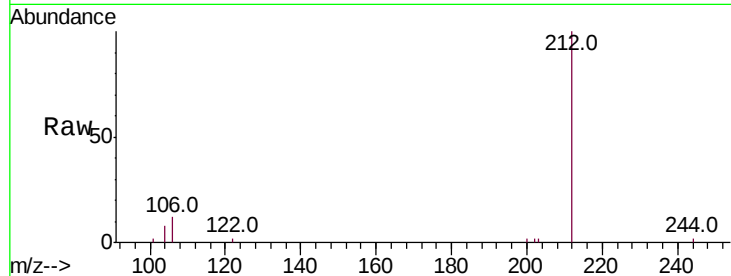
Tot Ion:212 Resp: 5152

Ion Ratio Lower Upper

212 100

106 10.2 8.4 12.6

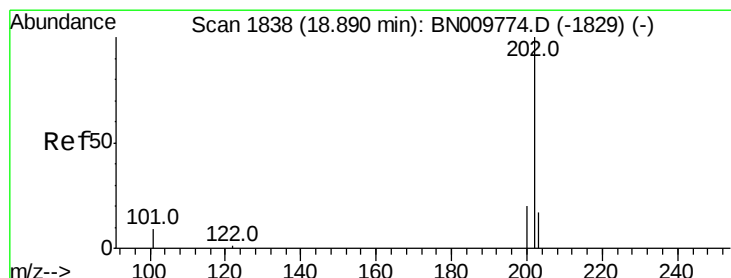
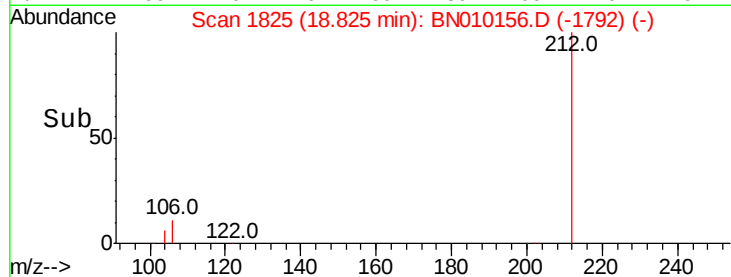
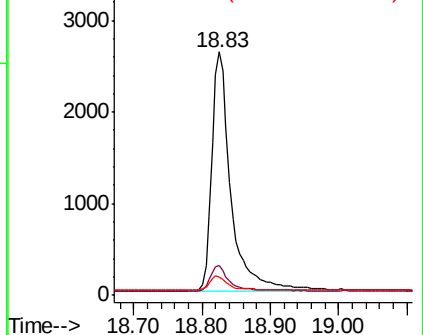
104 5.8 4.8 7.2



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: 0.359 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

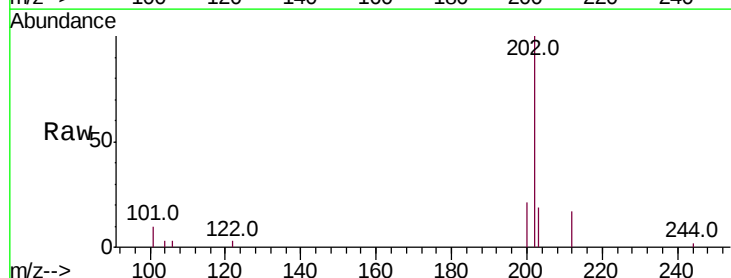
Tgt Ion:202 Resp: 5246

Ion Ratio Lower Upper

202 100

101 8.9 7.1 10.7

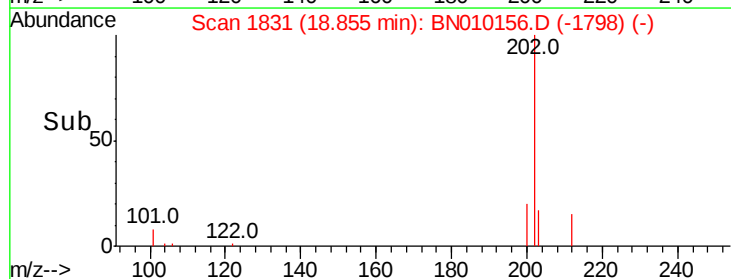
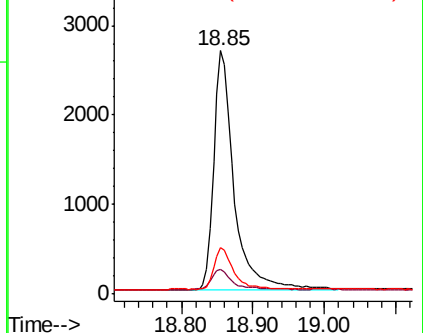
203 16.7 13.8 20.6

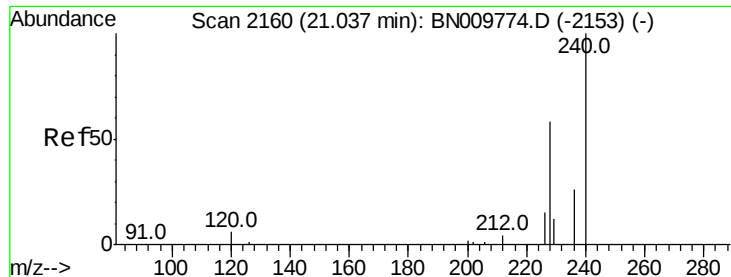


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampled :

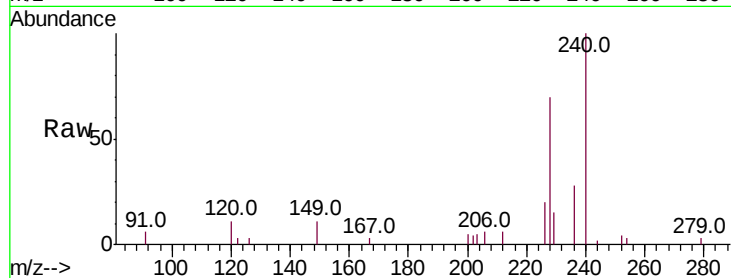
Tot Ion:240 Resp: 3731

Ion Ratio Lower Upper

240 100

120 11.0 7.9 11.9

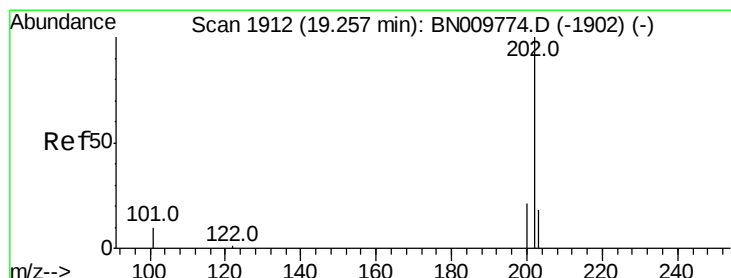
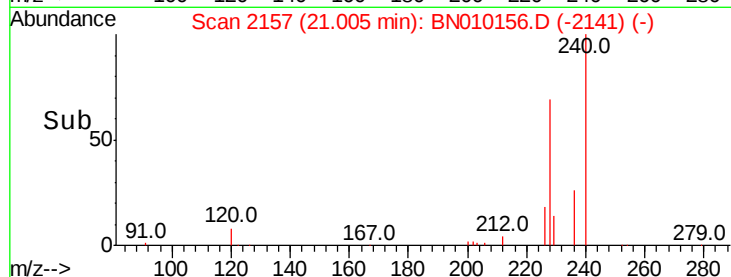
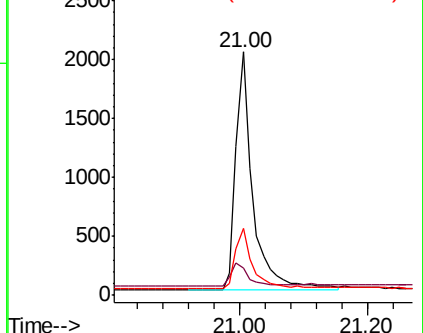
236 27.7 22.0 33.0



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: 0.380 ng

RT: 19.22 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

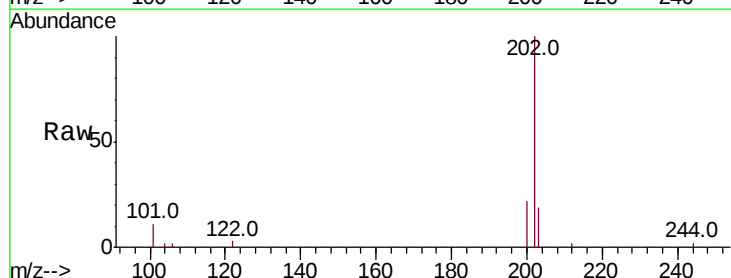
Tgt Ion:202 Resp: 5384

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

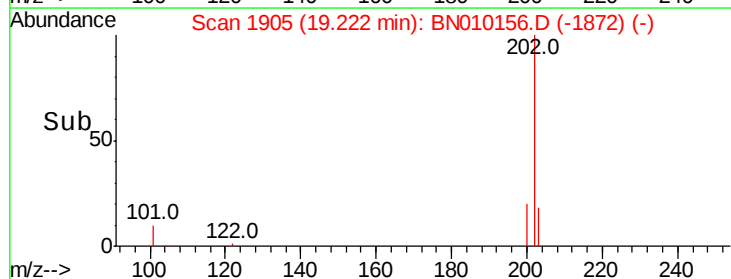
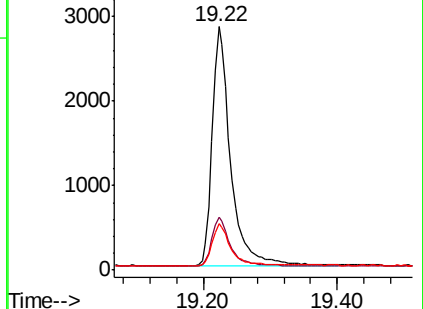
203 18.0 13.9 20.9

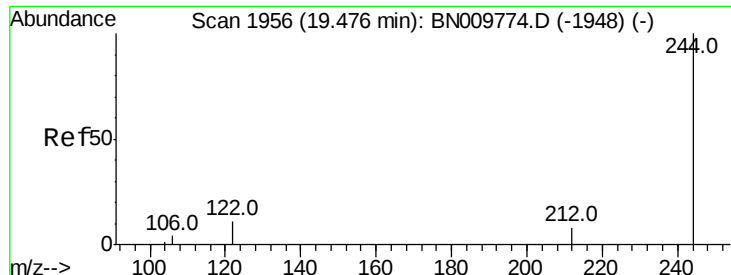


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.374 ng

RT: 19.44 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

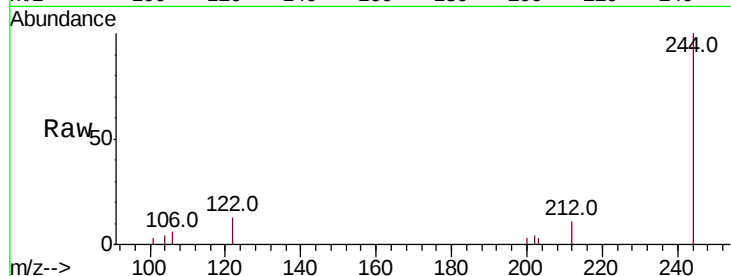
Tot Ion:244 Resp: 3337

Ion Ratio Lower Upper

244 100

212 11.1 8.0 12.0

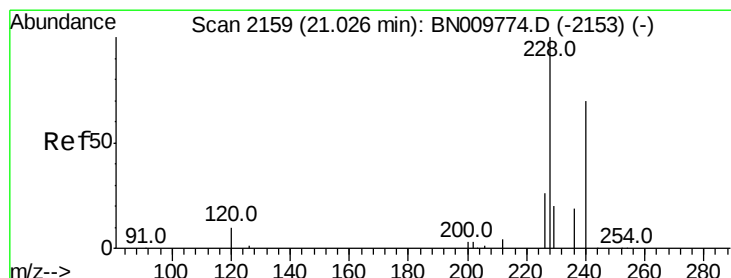
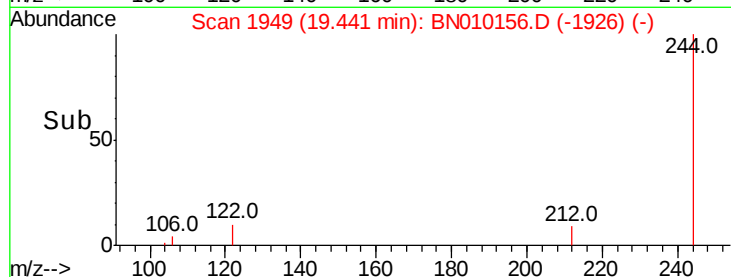
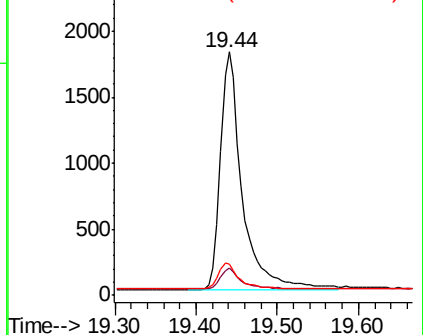
122 12.8 10.0 15.0



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: 0.336 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

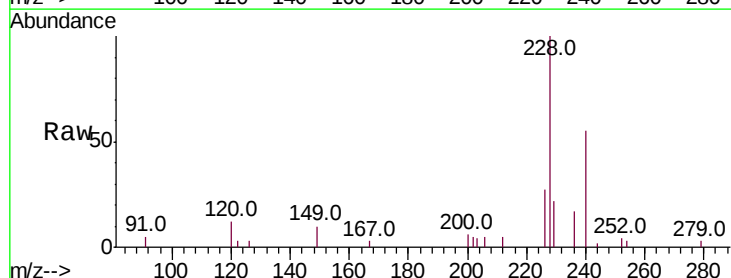
Tgt Ion:228 Resp: 4161

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

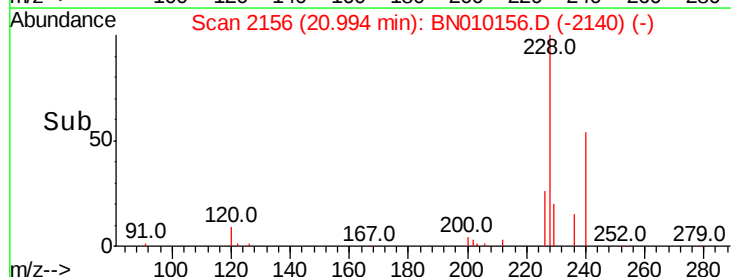
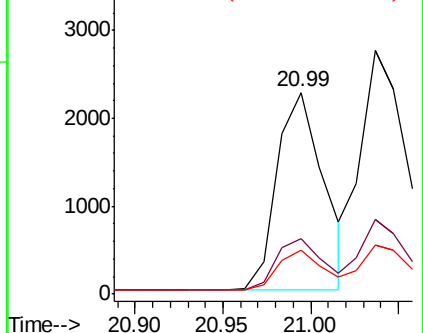
229 21.5 17.1 25.7

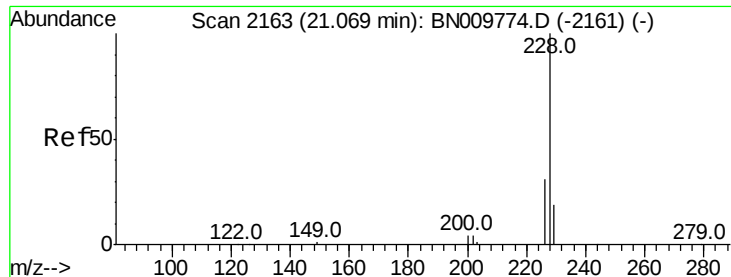


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.379 ng

RT: 21.04 min Scan# 2160

Delta R.T. -0.03 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

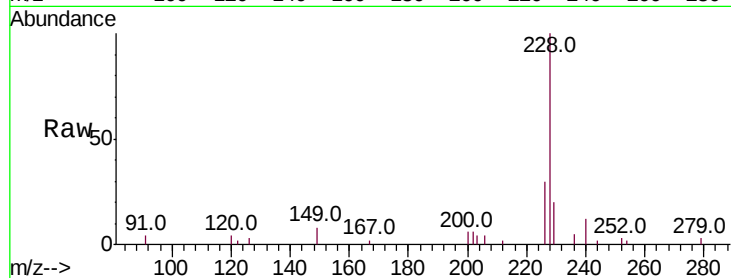
Tot Ion:228 Resp: 5422

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

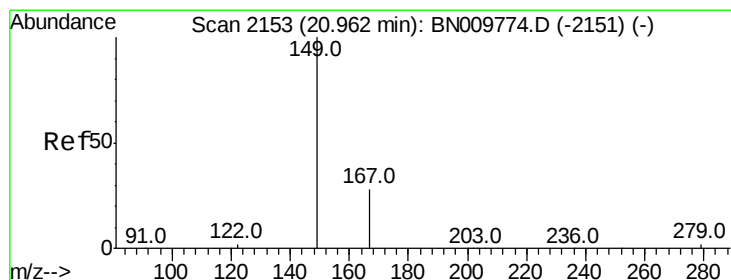
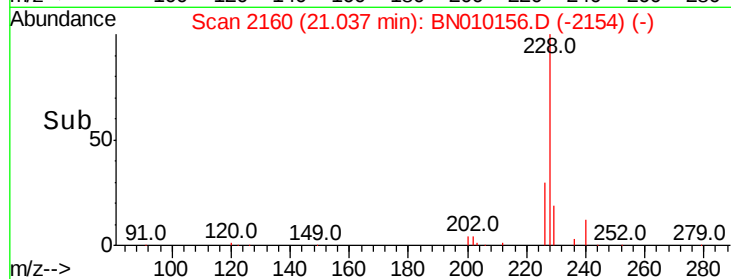
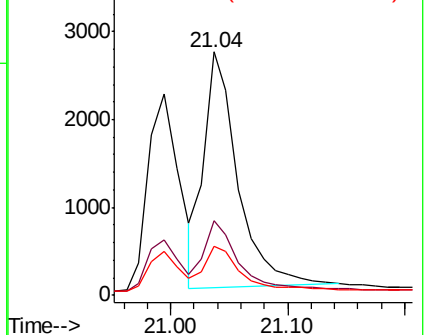
229 20.4 16.4 24.6



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: 0.386 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

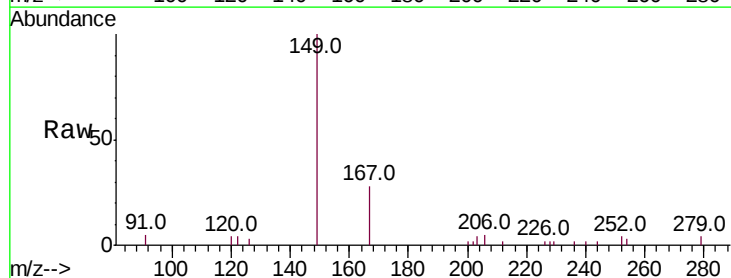
Tgt Ion:149 Resp: 2335

Ion Ratio Lower Upper

149 100

167 27.8 22.7 34.1

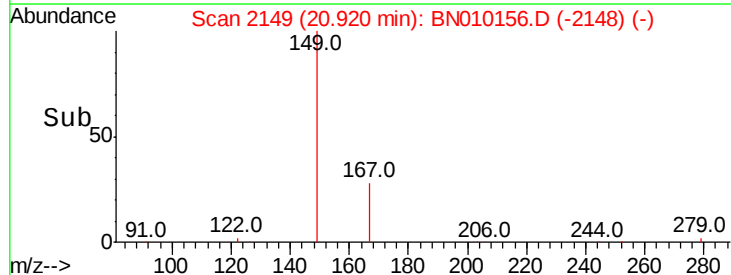
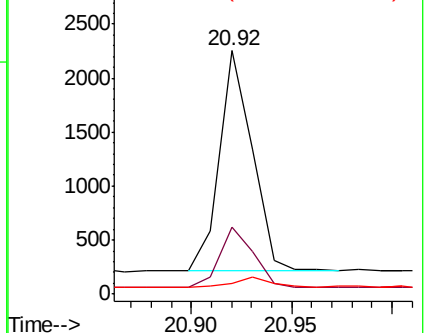
279 4.2 3.1 4.7

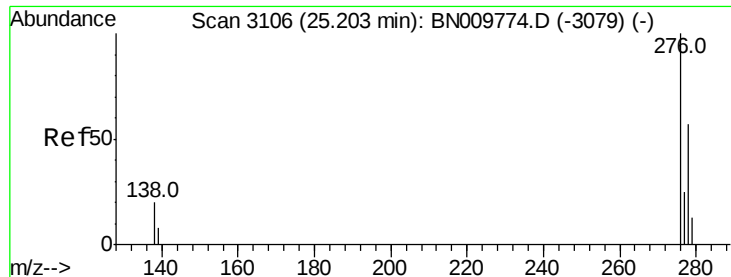


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.399 ng

RT: 25.14 min Scan# 3088

Delta R.T. -0.06 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

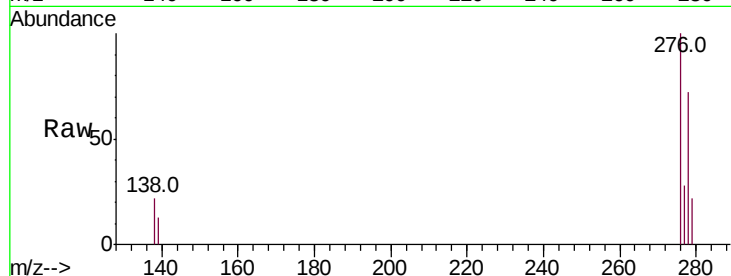
Tot Ion:276 Resp: 5951

Ion Ratio Lower Upper

276 100

138 19.5 15.8 23.6

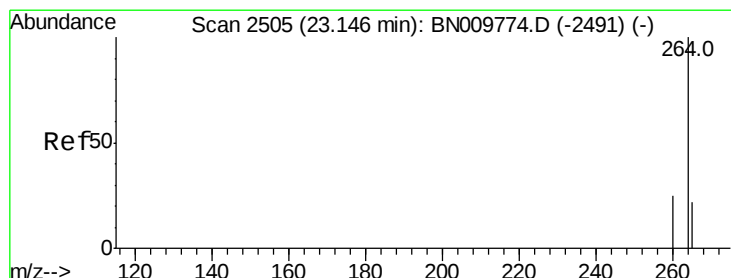
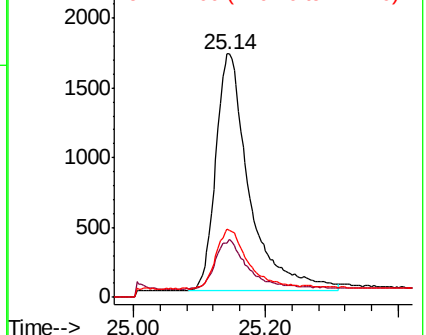
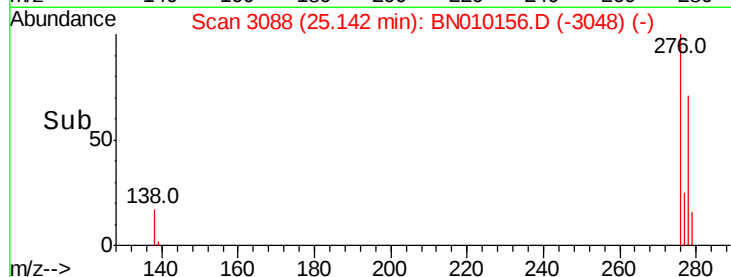
277 23.7 19.3 28.9



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: 23.10 min Scan# 2492

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

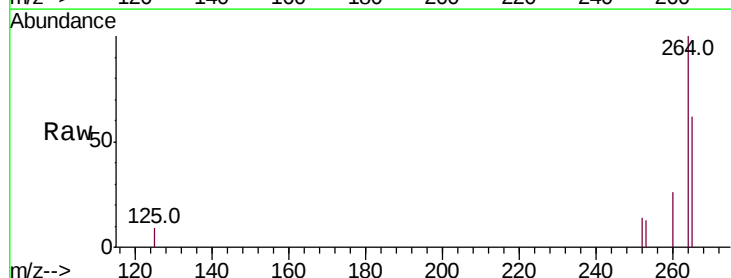
Tgt Ion:264 Resp: 4015

Ion Ratio Lower Upper

264 100

260 25.8 21.1 31.7

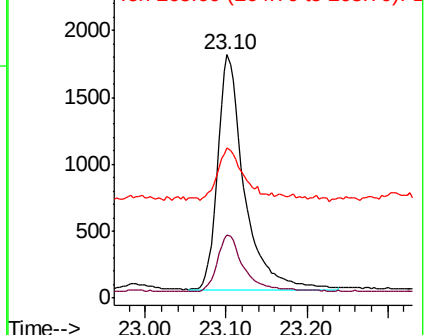
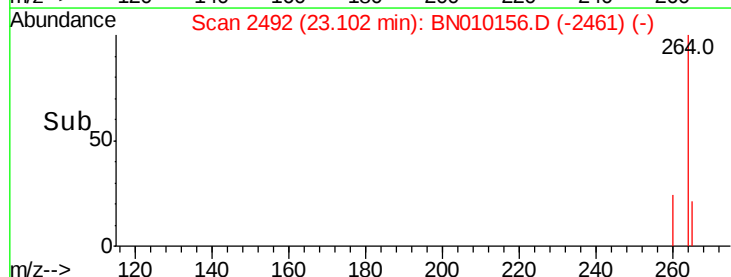
265 61.6 57.5 86.3

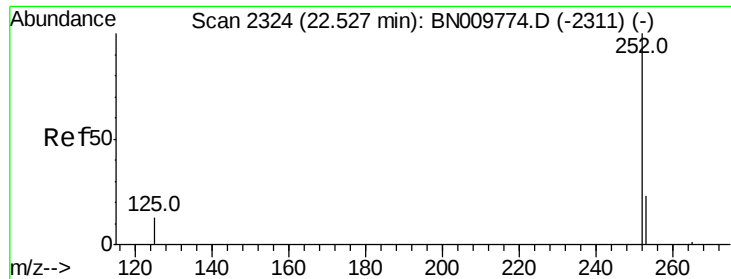


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

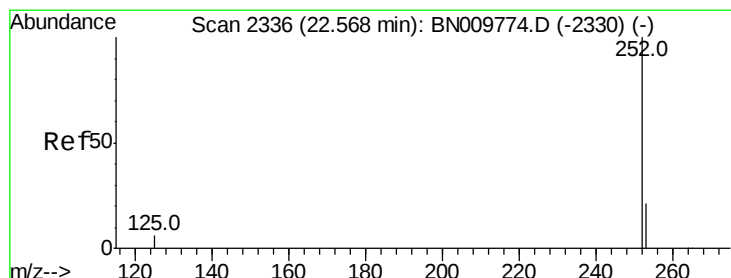
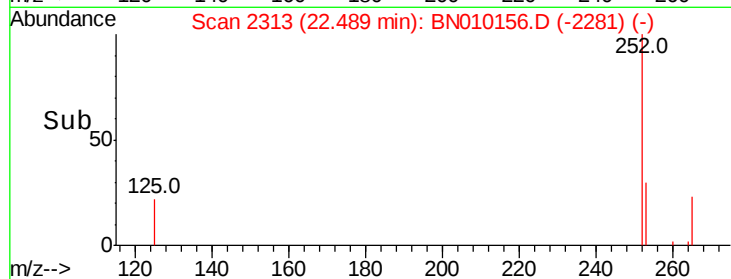
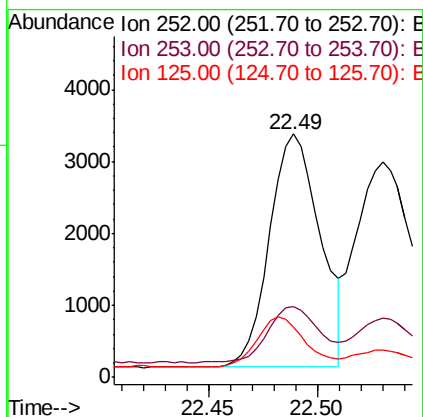
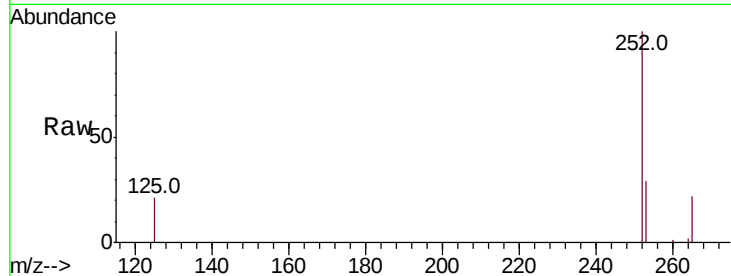




#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.49 min Scan# 2313
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

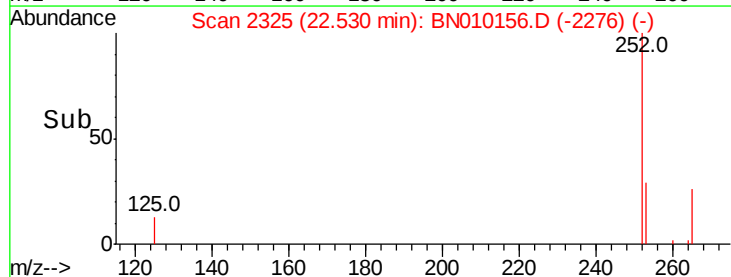
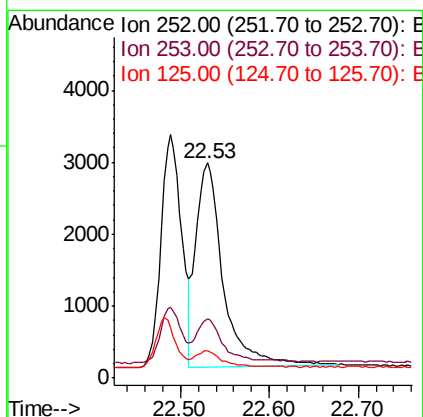
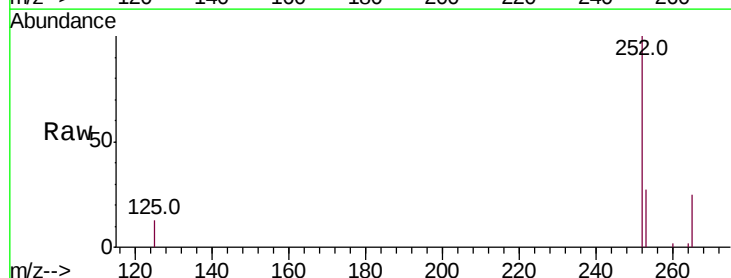
Instrument :
BNA_N
ClientSampleId :

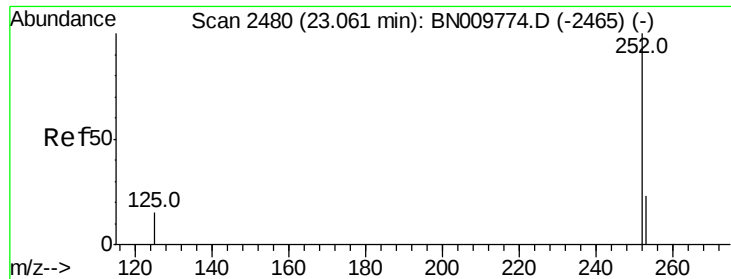
Tot Ion:252 Resp: 5255
Ion Ratio Lower Upper
252 100
253 29.0 23.0 34.6
125 20.7 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 22.53 min Scan# 2325
Delta R.T. -0.04 min
Lab File: BN010156.D
Acq: 09 Mar 2020 21:42

Tgt Ion:252 Resp: 6015
Ion Ratio Lower Upper
252 100
253 27.4 22.2 33.2
125 12.7 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.02 min Scan# 2468

Delta R.T. -0.04 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

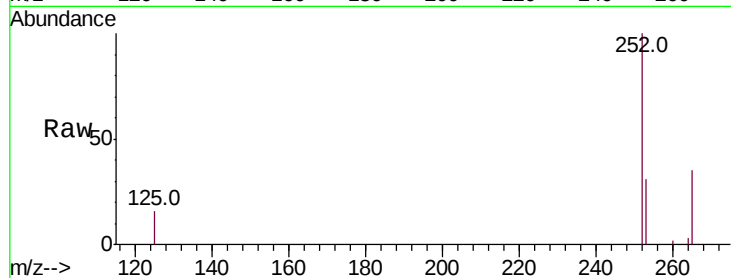
Tot Ion:252 Resp: 5039

Ion Ratio Lower Upper

252 100

253 31.0 25.3 37.9

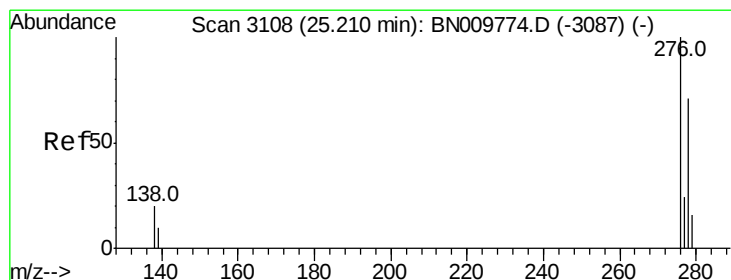
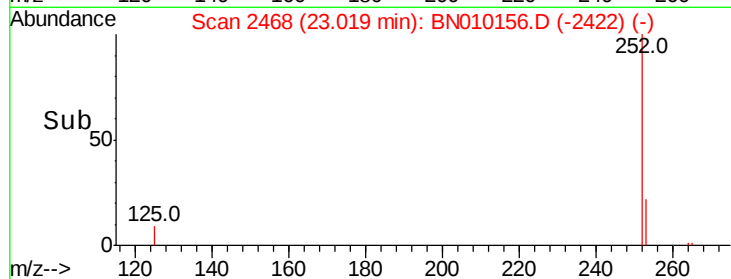
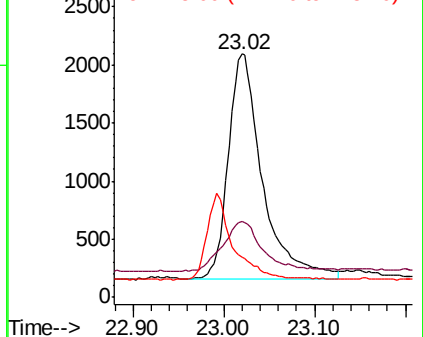
125 16.3 17.7 26.5#



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: 0.356 ng

RT: 25.15 min Scan# 3089

Delta R.T. -0.07 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

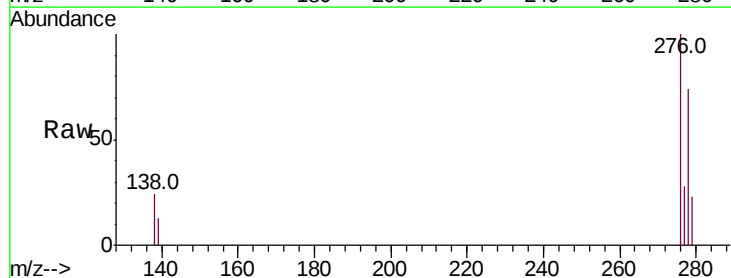
Tgt Ion:278 Resp: 4695

Ion Ratio Lower Upper

278 100

139 18.1 14.5 21.7

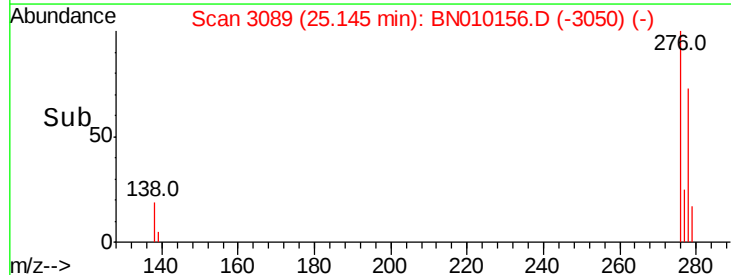
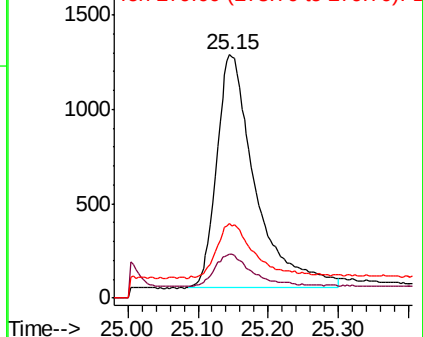
279 30.9 24.3 36.5

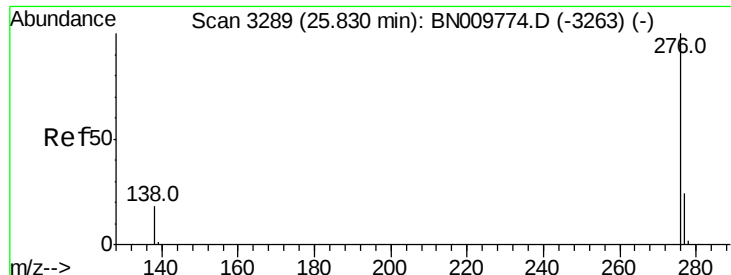


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.381 ng

RT: 25.76 min Scan# 3269

Delta R.T. -0.07 min

Lab File: BN010156.D

Acq: 09 Mar 2020 21:42

Instrument :

BNA_N

ClientSampleId :

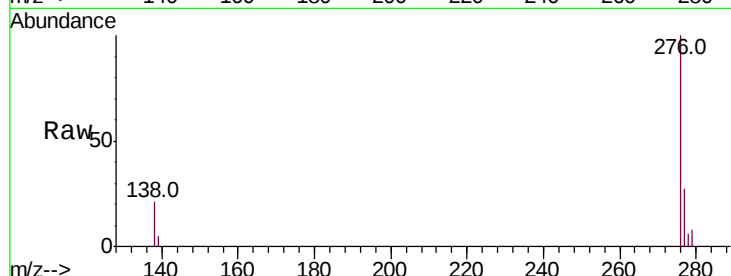
Tot Ion:276 Resp: 5347

Ion Ratio Lower Upper

276 100

277 26.7 21.4 32.0

138 21.3 16.6 24.8



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

