

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010886.D
 Acq On : 16 Jun 2020 02:01
 Operator : CG/JU
 Sample : PB129516BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 16 03:22:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2883	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	10251	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5536	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	10210	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	9235	0.40	ng	-0.01
34) Perylene-d12	23.27	264	7958	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2154	0.39	ng	0.00
5) Phenol-d6	6.74	99	2582	0.39	ng	0.00
8) Nitrobenzene-d5	8.67	82	2891	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	11.86	152	61608	3.87	ng	-0.04
14) 2,4,6-Tribromophenol	15.66	330	661	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	8273	0.38	ng	0.00
25) Fluoranthene-d10	18.95	212	8167	0.29	ng	0.00
29) Terphenyl-d14	19.57	244	7369	0.34	ng	0.00

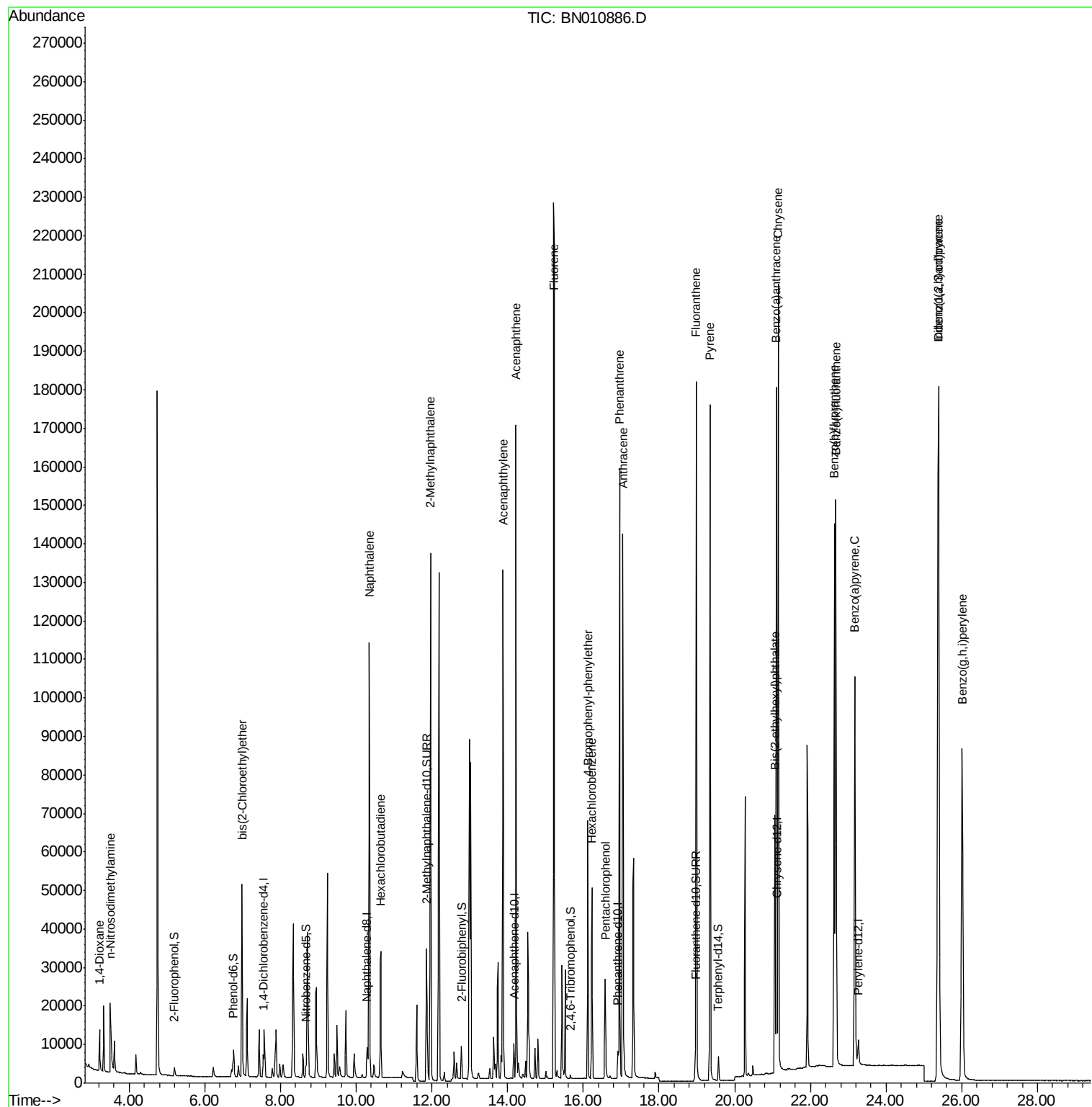
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	7920	2.805	ng	95
3) n-Nitrosodimethylamine	3.51	42	10768	6.559	ng	# 91
6) bis(2-Chloroethyl)ether	6.99	93	39589	6.193	ng	96
9) Naphthalene	10.34	128	139182	5.403	ng	97
10) Hexachlorobutadiene	10.65	225	29741	4.671	ng	# 99
12) 2-Methylnaphthalene	11.96	142	96892	5.620	ng	98
16) Acenaphthylene	13.88	152	139427	6.148	ng	99
17) Acenaphthene	14.22	154	83696	5.412	ng	97
18) Fluorene	15.22	166	108506	5.440	ng	100
20) 4-Bromophenyl-phenylether	16.11	248	32869	5.357	ng	# 80
21) Hexachlorobenzene	16.23	284	35259	5.509	ng	98
22) Pentachlorophenol	16.58	266	14926	6.947	ng	92
23) Phenanthrene	16.95	178	156964	5.629	ng	99
24) Anthracene	17.05	178	148396	6.374	ng	99
26) Fluoranthene	18.98	202	164639	5.201	ng	99
28) Pyrene	19.35	202	163457	5.350	ng	100
30) Benzo(a)anthracene	21.10	228	160528	5.914	ng	97
31) Chrysene	21.15	228	161055	5.091	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	57336	6.335	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.37	276	205776	5.821	ng	# 95
35) Benzo(b)fluoranthene	22.63	252	169452	6.262	ng	# 89
36) Benzo(k)fluoranthene	22.67	252	171591	5.952	ng	# 89
37) Benzo(a)pyrene	23.17	252	144340	6.219	ng	# 83
38) Dibenzo(a,h)anthracene	25.38	278	177810	6.718	ng	# 92
39) Benzo(g,h,i)perylene	26.01	276	177413	6.413	ng	97

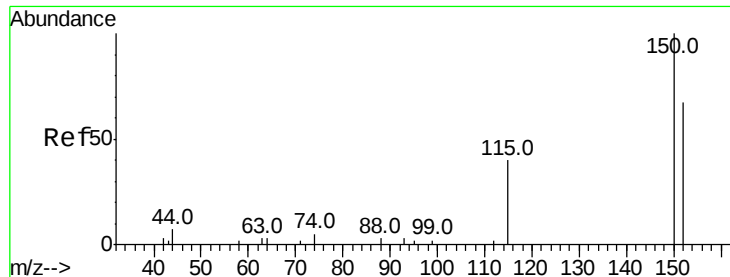
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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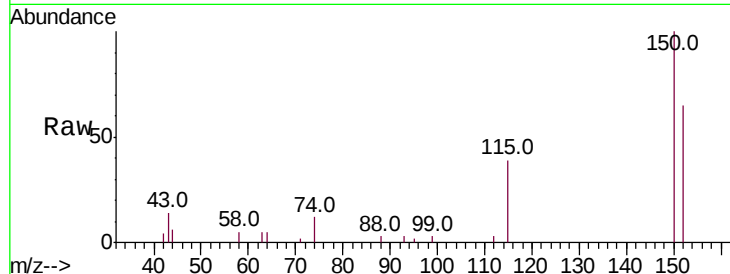


#1

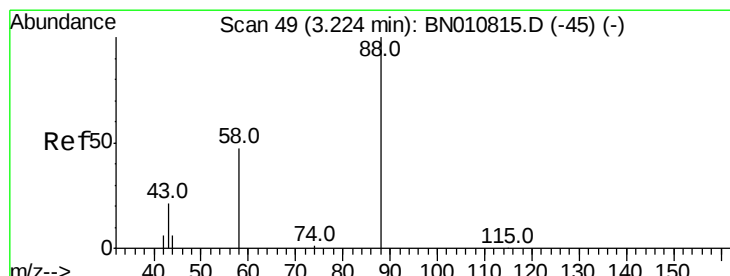
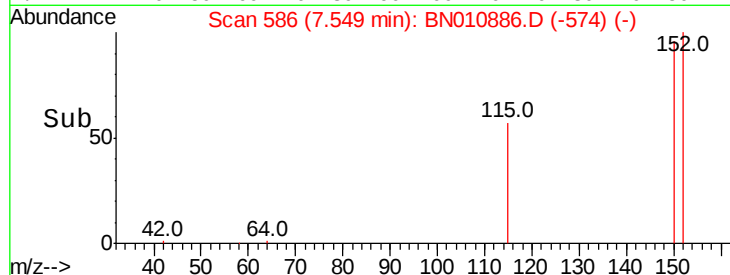
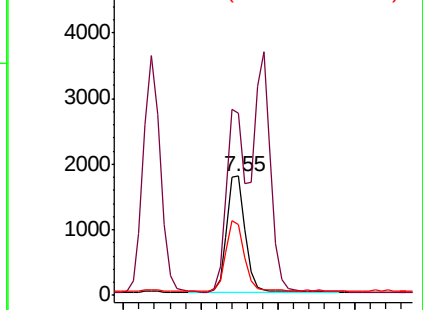
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 2883
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 59.2 49.2 73.8



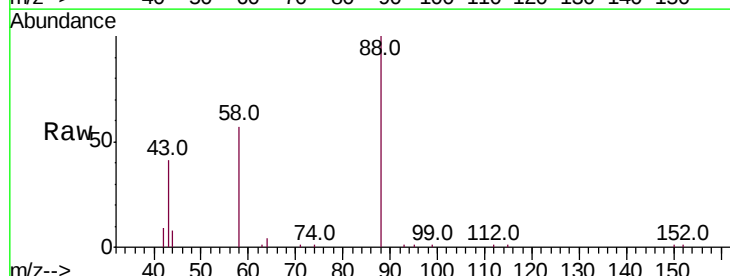
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



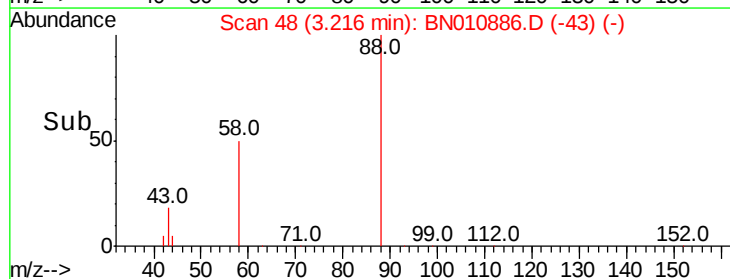
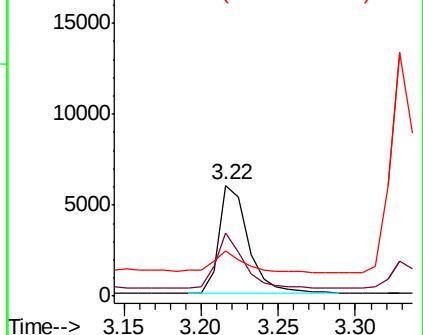
#2

1,4-Dioxane
Concen: 2.805 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion: 88 Resp: 7920
Ion Ratio Lower Upper
88 100
58 45.2 38.2 57.4
43 21.9 15.1 22.7



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: 6.559 ng

RT: 3.51 min Scan# 84

Delta R.T. -0.04 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

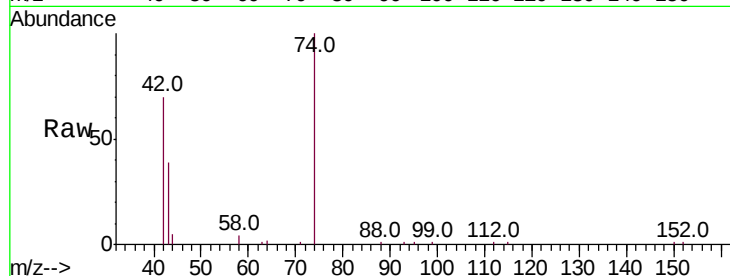
Tot Ion: 42 Resp: 10768

Ion Ratio Lower Upper

42 100

74 188.7 140.7 211.1

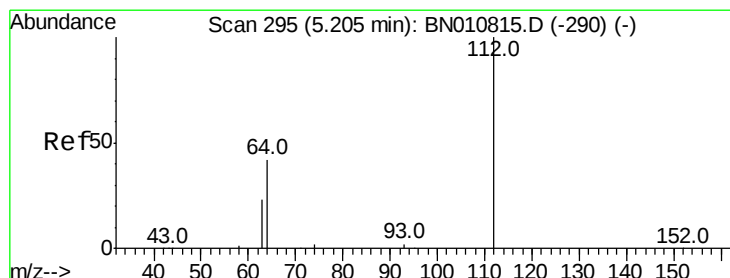
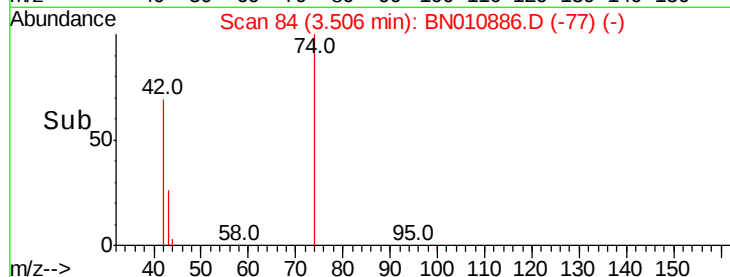
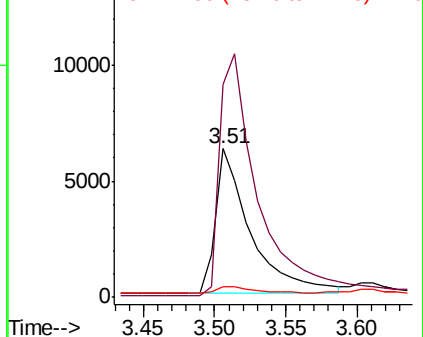
44 4.4 1.4 2.2#



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: 0.387 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

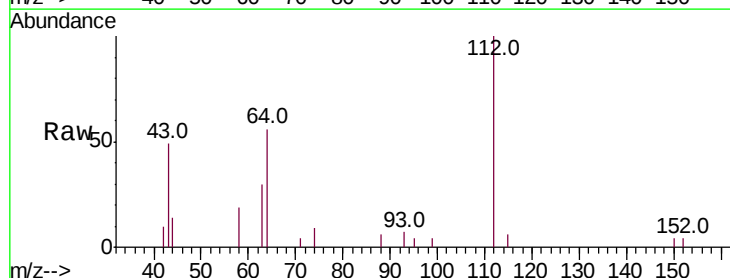
Tgt Ion: 112 Resp: 2154

Ion Ratio Lower Upper

112 100

64 44.4 37.4 56.0

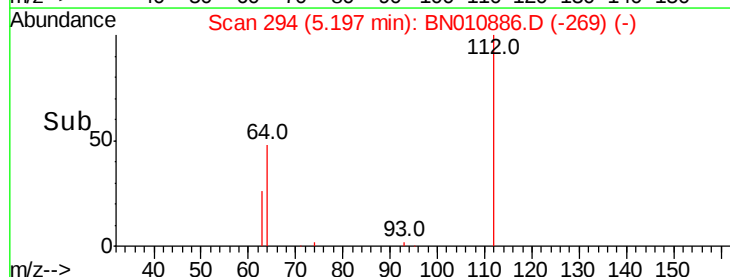
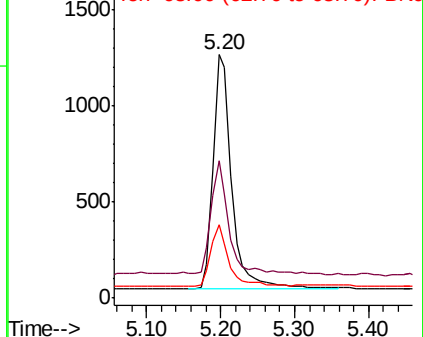
63 26.4 22.2 33.4

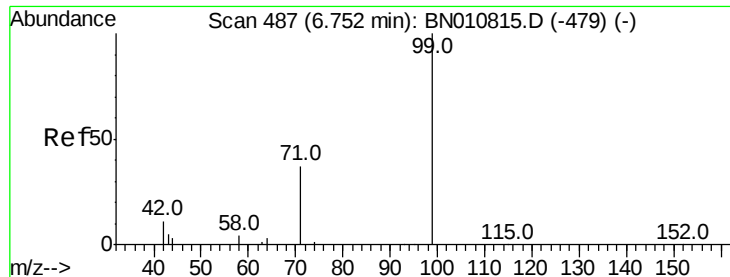


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.394 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

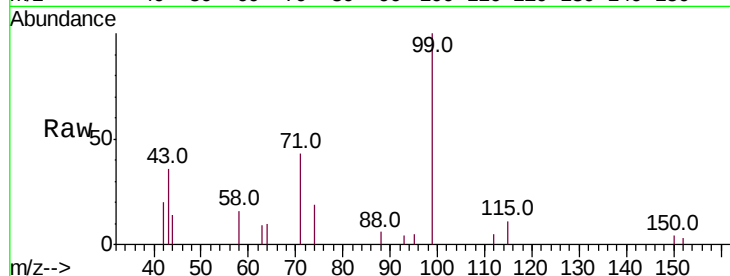
Tot Ion: 99 Resp: 2582

Ion Ratio Lower Upper

99 100

42 26.8 11.1 16.7#

71 38.2 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010886.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010886.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010886.D (-479) (-)

6.74

1500

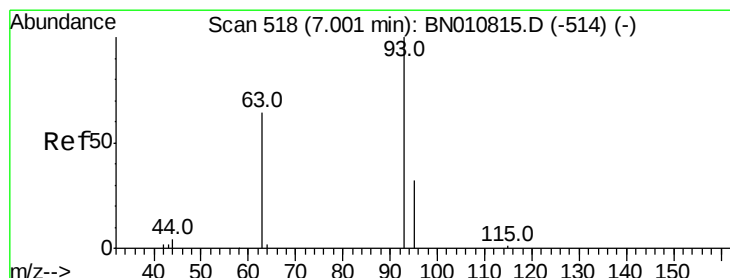
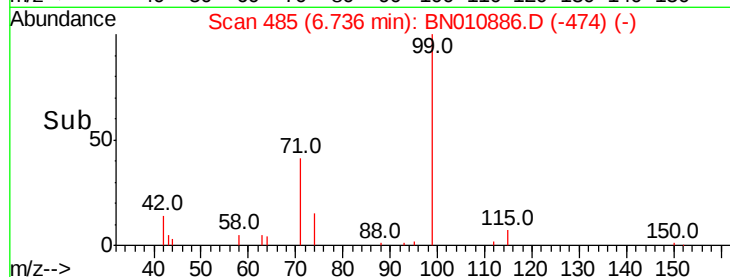
1000

500

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 6.193 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

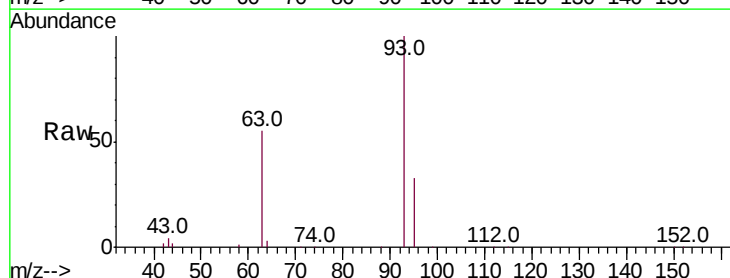
Tgt Ion: 93 Resp: 39589

Ion Ratio Lower Upper

93 100

63 57.7 49.4 74.2

95 32.4 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010886.D (-492) (-)

Ion 63.00 (62.70 to 63.70): BN010886.D (-492) (-)

Ion 95.00 (94.70 to 95.70): BN010886.D (-492) (-)

6.99

30000

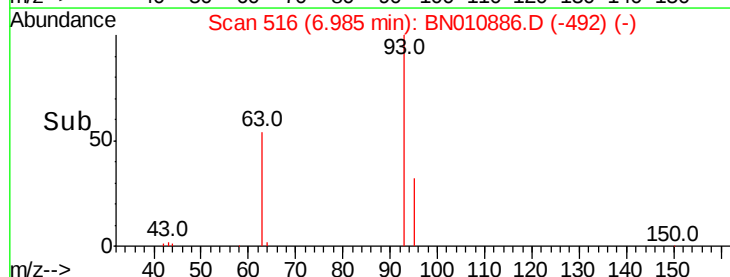
20000

10000

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10251

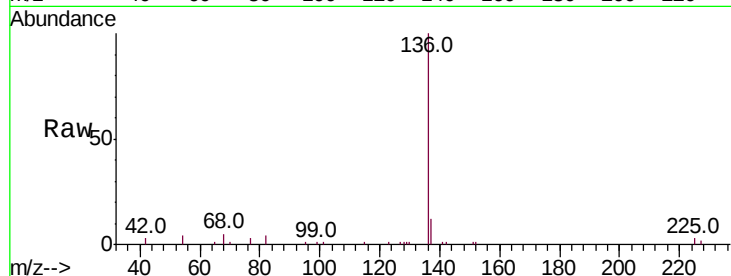
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.5 4.9 7.3#

68 5.1 4.7 7.1

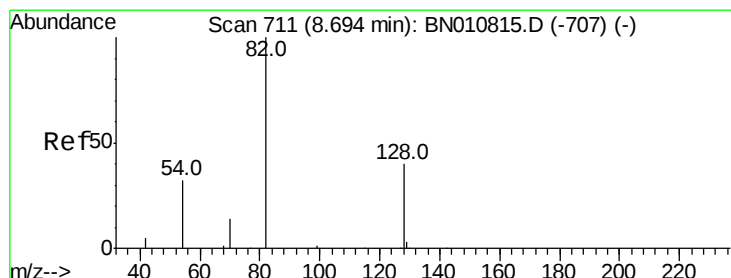
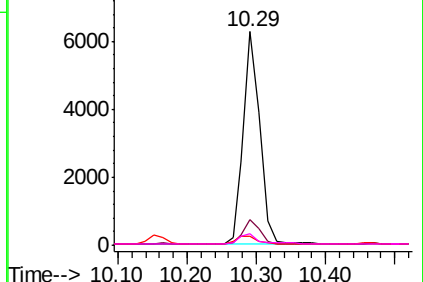
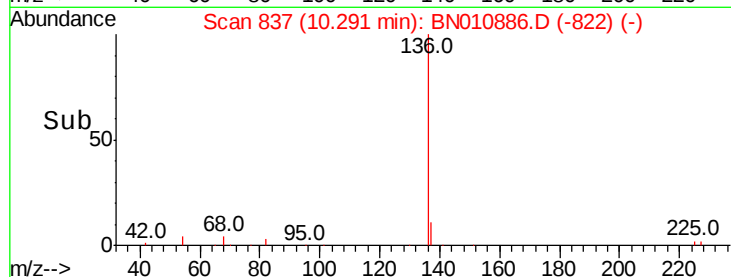


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

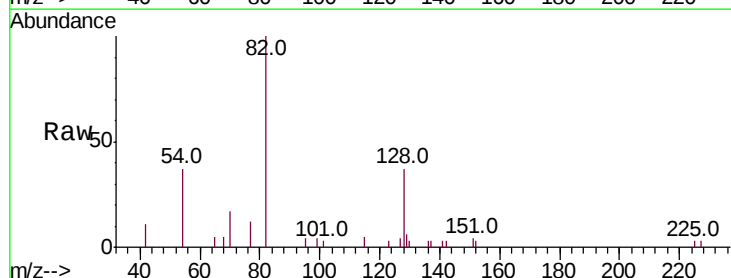
Tgt Ion: 82 Resp: 2891

Ion Ratio Lower Upper

82 100

128 36.9 35.4 53.0

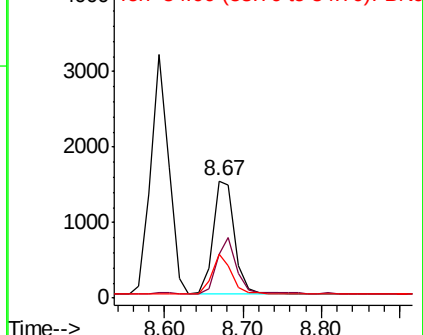
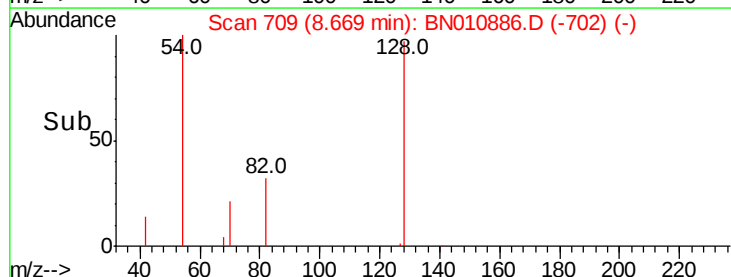
54 37.1 28.2 42.4

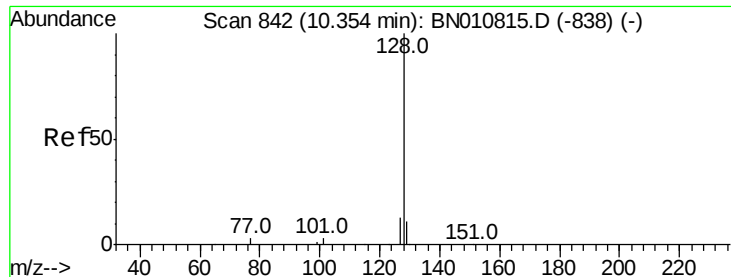


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.403 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

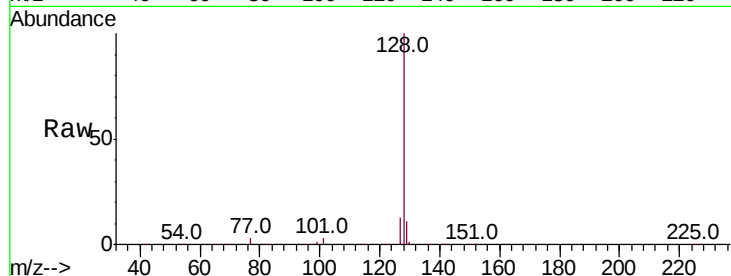
Tot Ion:128 Resp: 139182

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

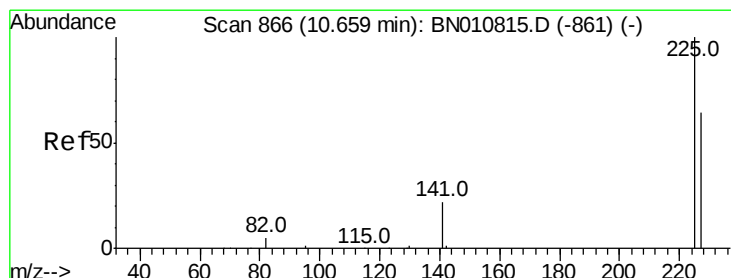
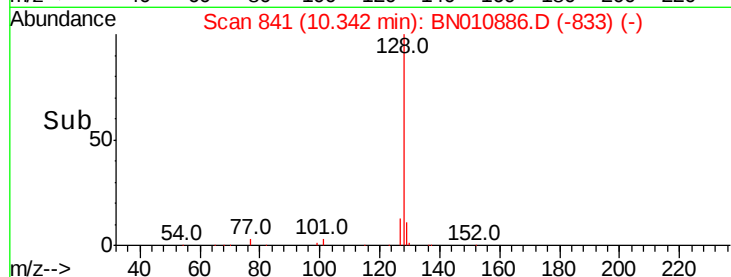
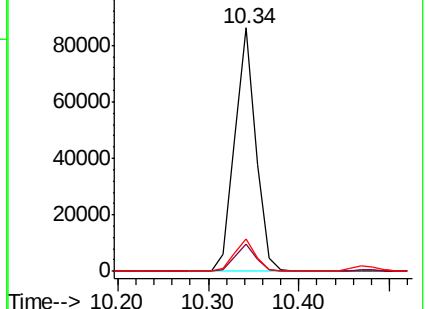
127 13.1 11.4 17.2



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: 4.671 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

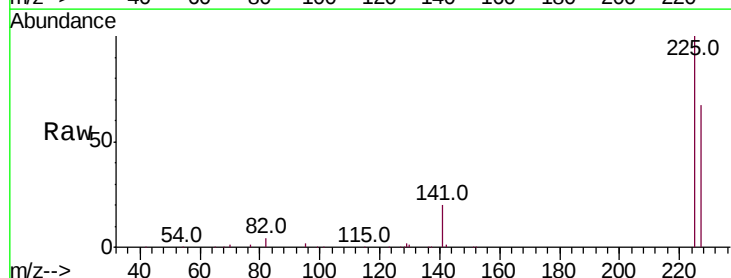
Tgt Ion:225 Resp: 29741

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

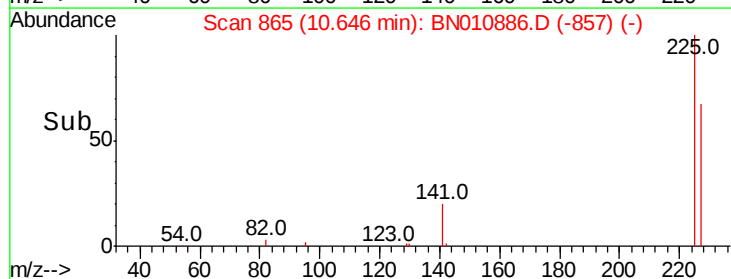
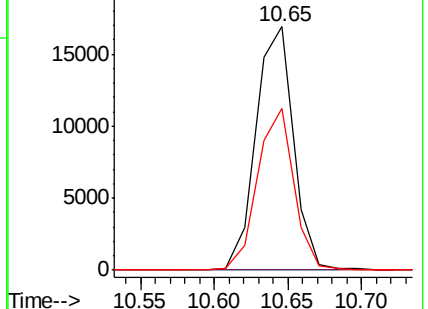
227 64.2 50.5 75.7

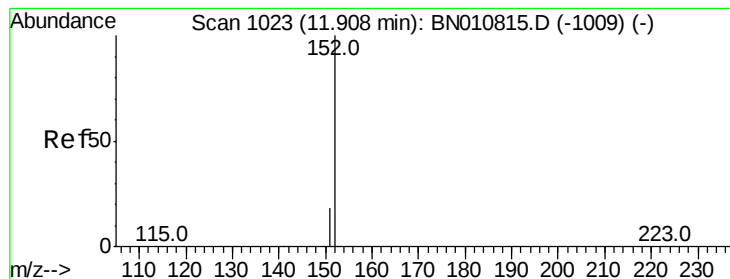


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.875 ng

RT: 11.86 min Scan# 1012

Delta R.T. -0.04 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

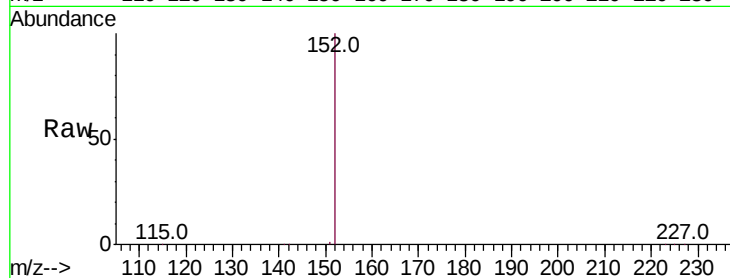
ClientSampleId :

Tot Ion:152 Resp: 61608

Ion Ratio Lower Upper

152 100

151 0.9 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86

40000

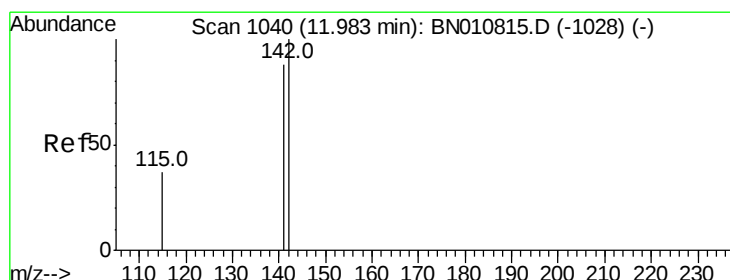
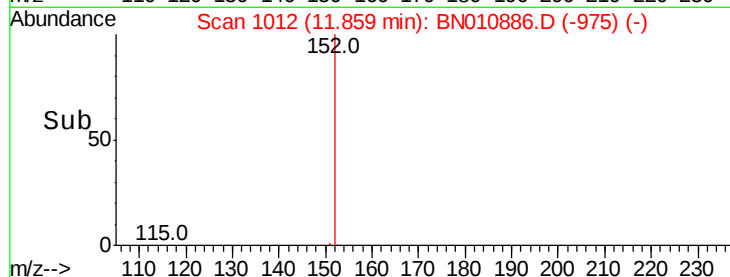
30000

20000

10000

0

Time--> 11.80 11.86 12.00



#12

2-Methylnaphthalene

Concen: 5.620 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

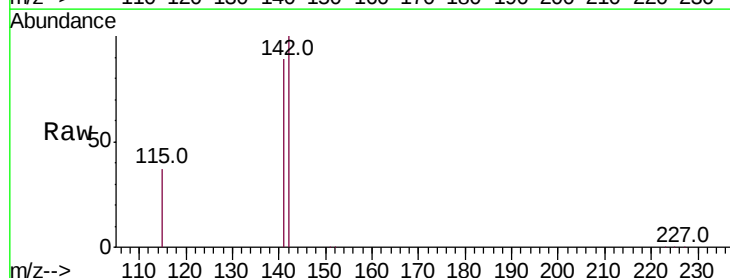
Tgt Ion:142 Resp: 96892

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

115 36.6 31.5 47.3



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

11.96

80000

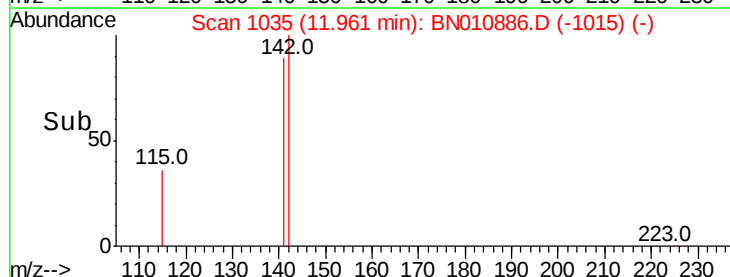
60000

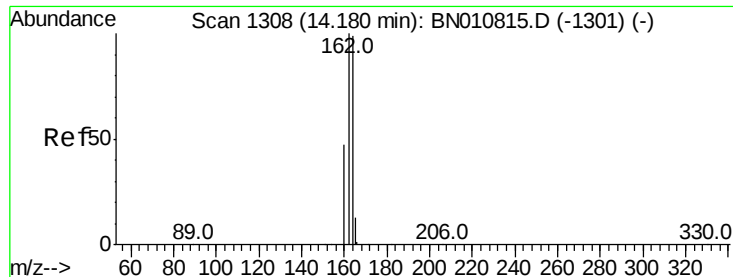
40000

20000

0

Time--> 11.80 11.90 11.96 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

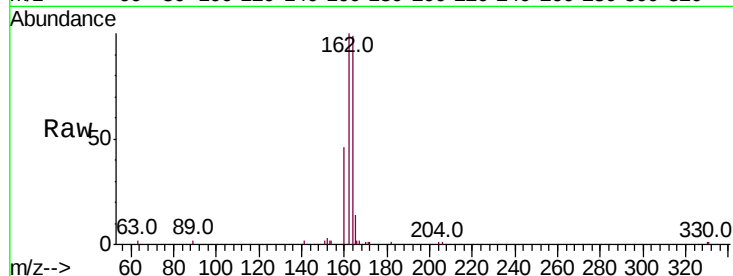
Tot Ion:164 Resp: 5536

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

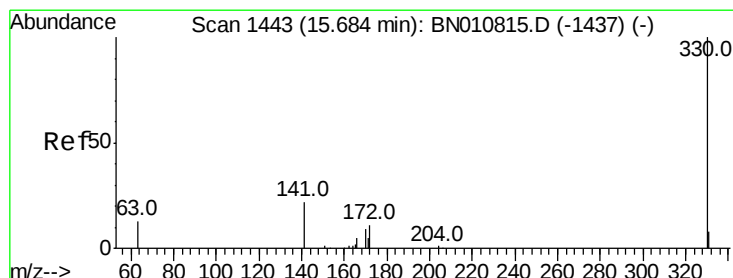
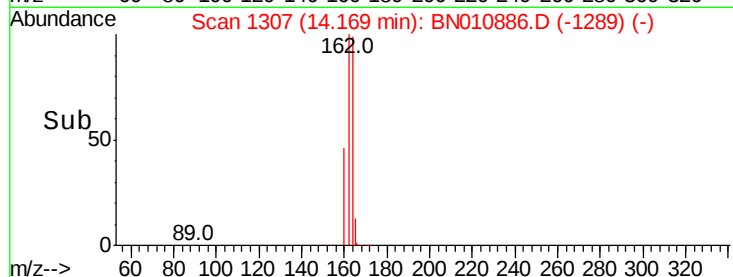
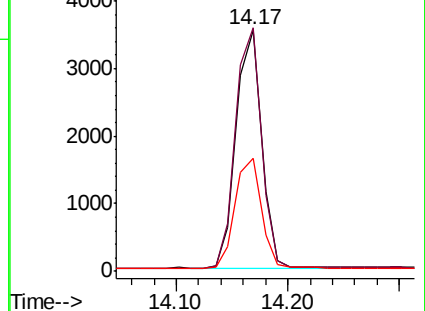
160 46.7 38.9 58.3



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: 0.334 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

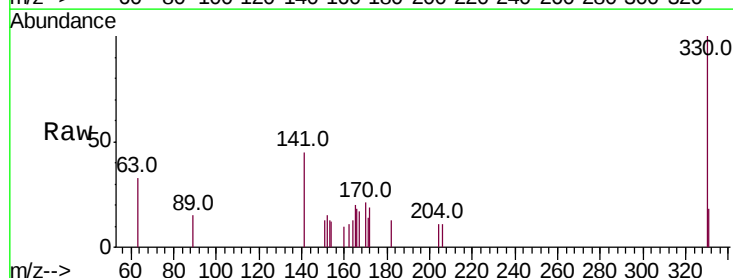
Tgt Ion:330 Resp: 661

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

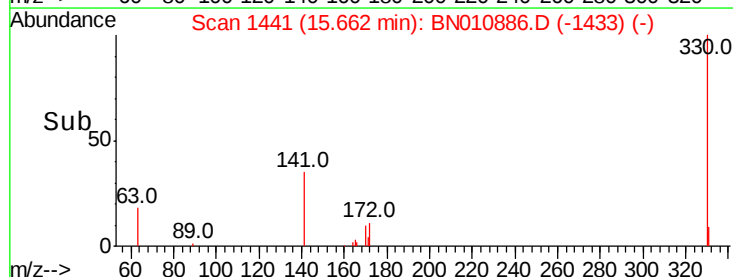
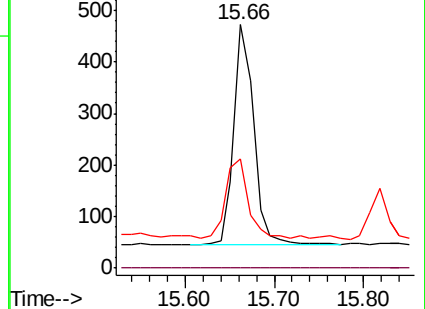
141 41.1 33.2 49.8



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

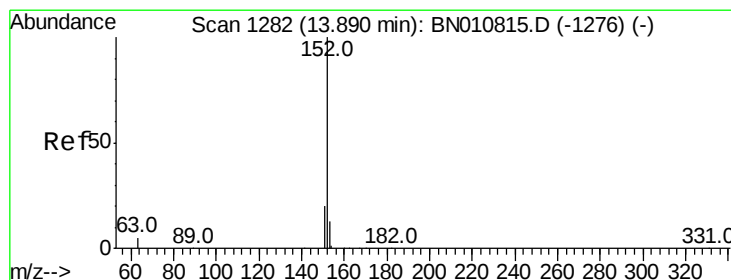
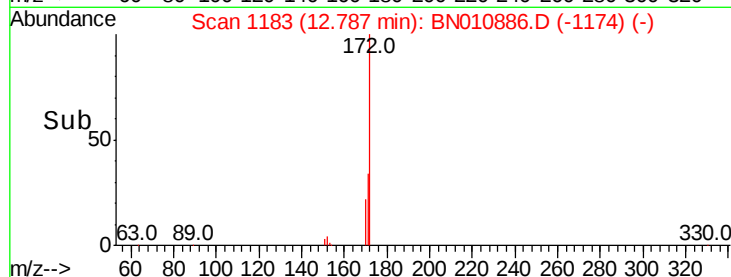
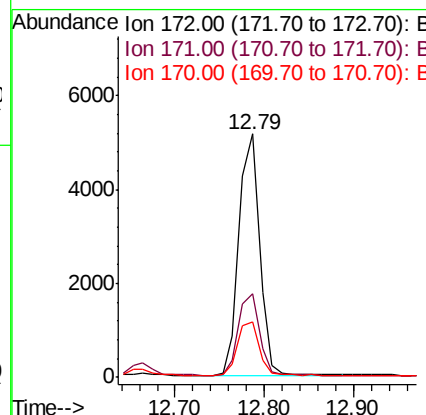
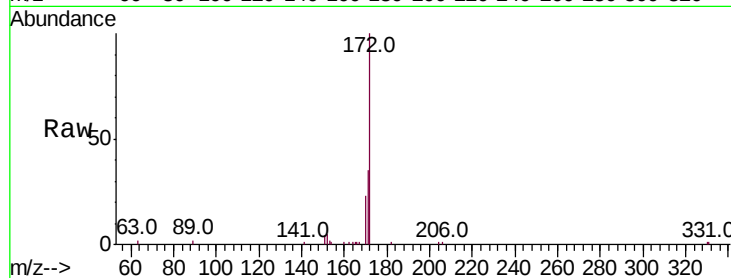




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

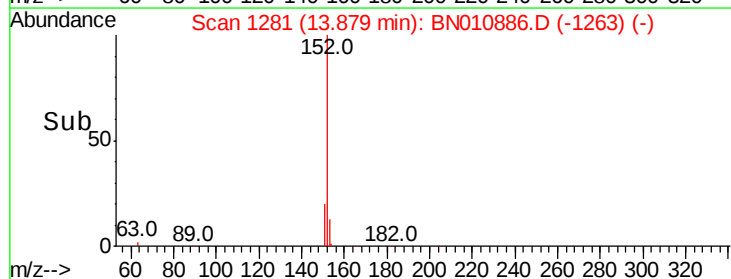
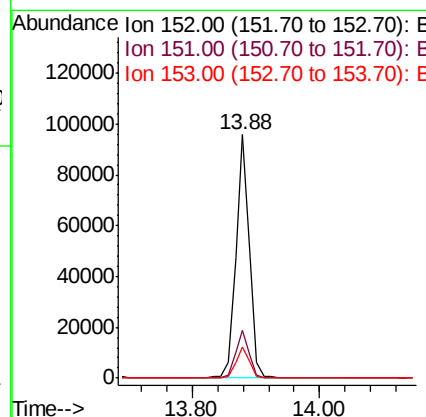
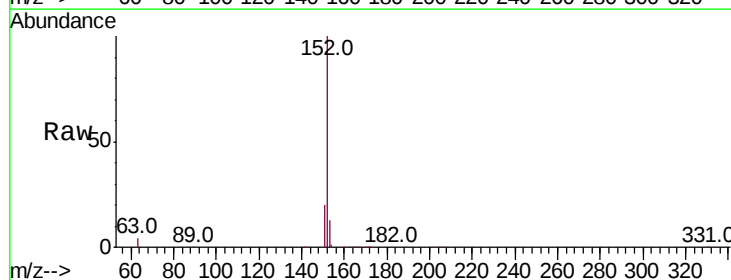
Instrument :
BNA_N
ClientSampleId :

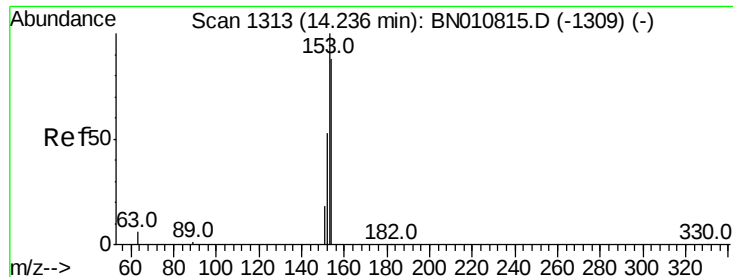
Tot Ion:172 Resp: 8273
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.7 19.7 29.5



#16
Acenaphthylene
Concen: 6.148 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:152 Resp: 139427
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 5.412 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

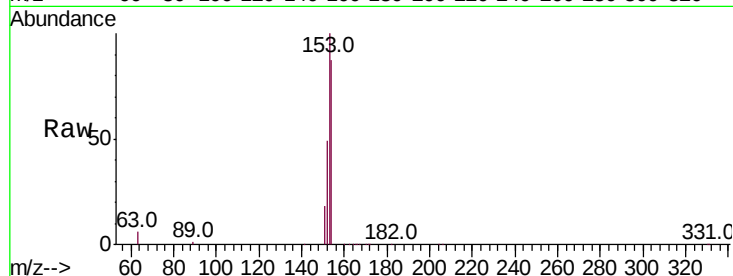
Tot Ion:154 Resp: 83696

Ion Ratio Lower Upper

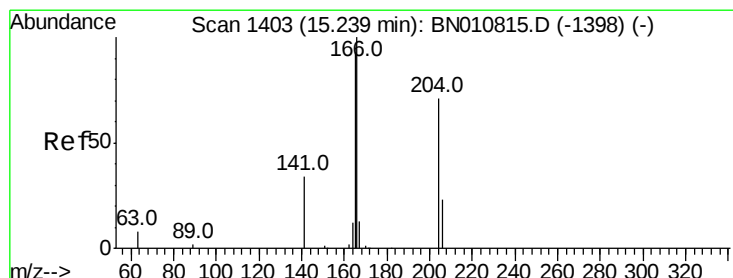
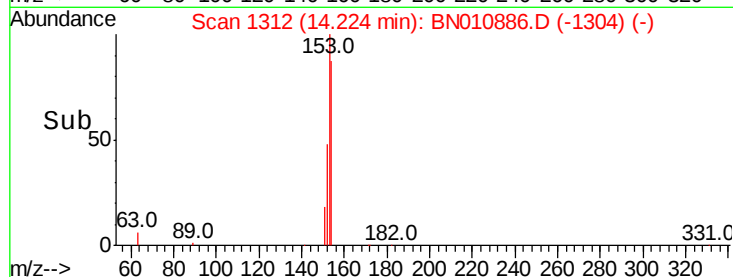
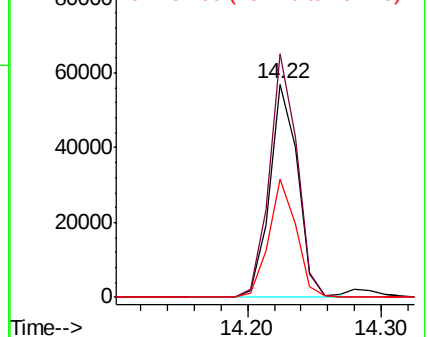
154 100

153 112.7 91.8 137.6

152 54.8 47.6 71.4



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: 5.440 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

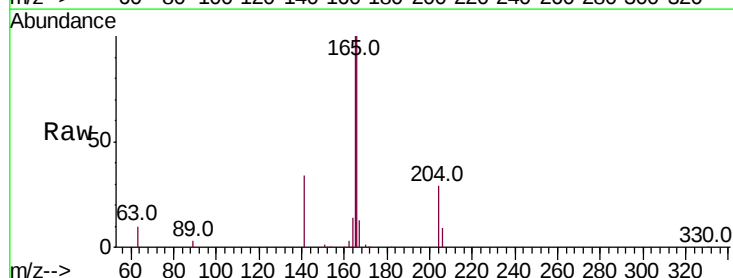
Tgt Ion:166 Resp: 108506

Ion Ratio Lower Upper

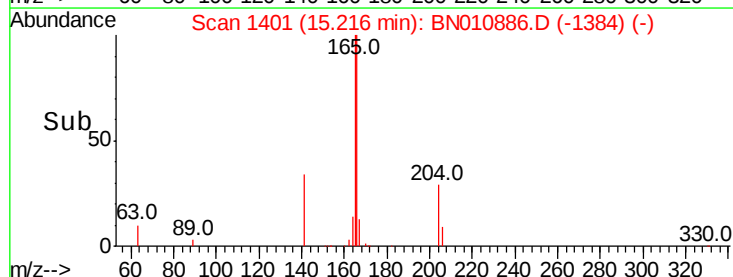
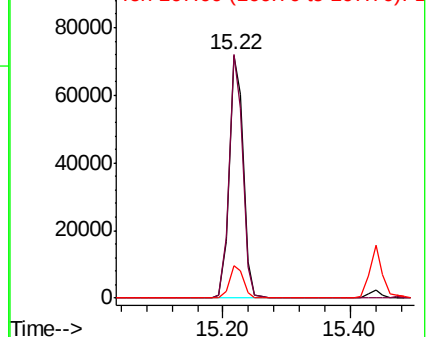
166 100

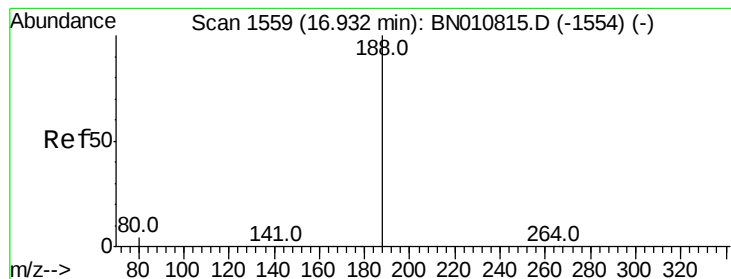
165 97.0 77.2 115.8

167 13.3 10.7 16.1



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: 16.91 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

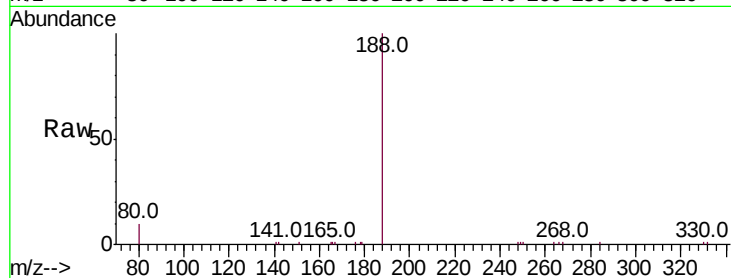
Tot Ion:188 Resp: 10210

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

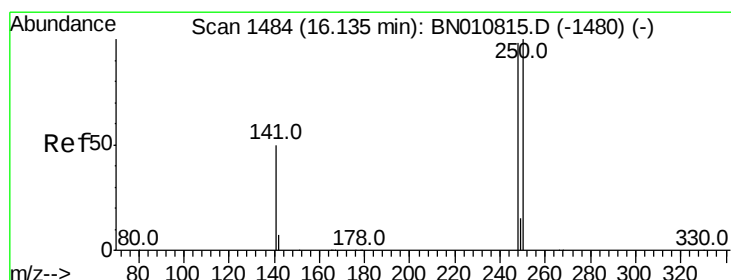
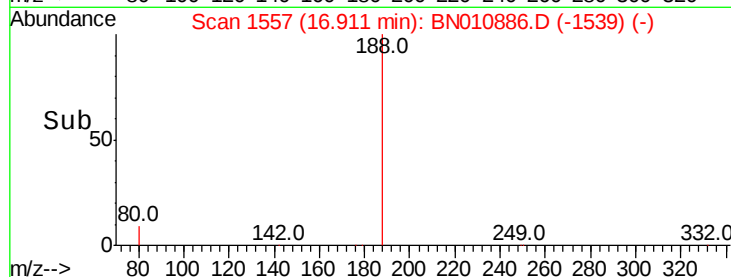
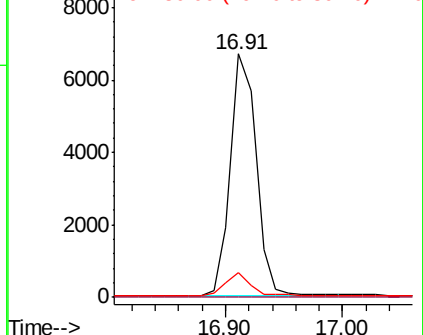
80 10.0 4.5 6.7#



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: 5.357 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

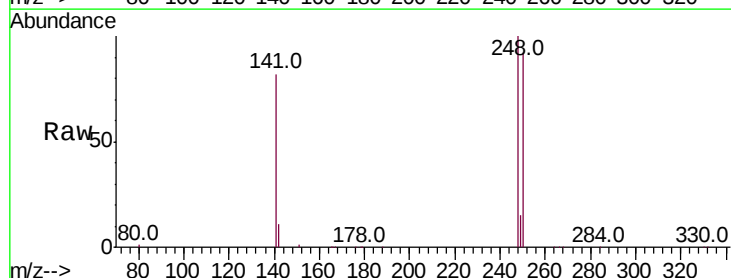
Tgt Ion:248 Resp: 32869

Ion Ratio Lower Upper

248 100

250 92.3 81.8 122.8

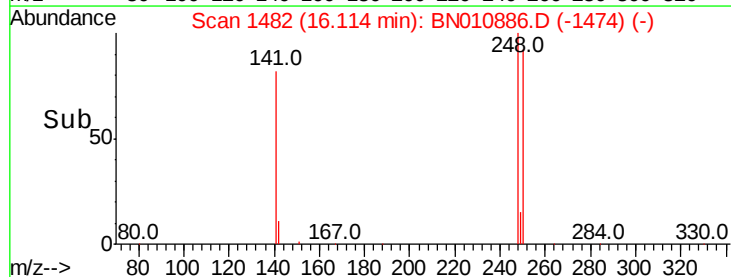
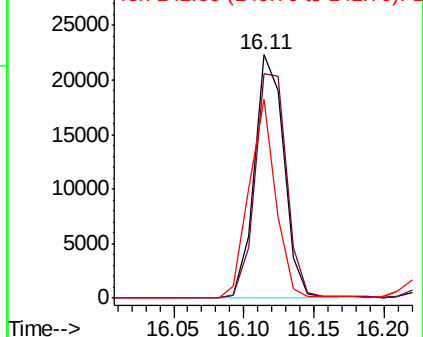
141 81.9 42.6 64.0#

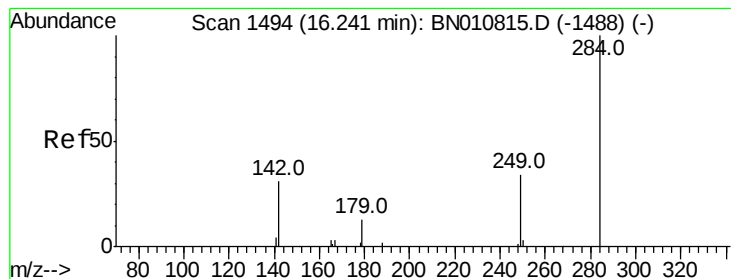


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.509 ng

RT: 16.23 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

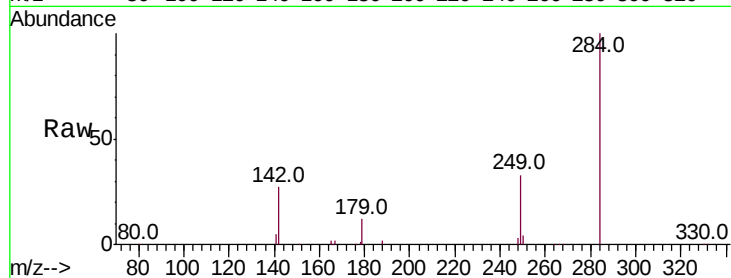
Tot Ion:284 Resp: 35259

Ion Ratio Lower Upper

284 100

142 36.6 31.0 46.4

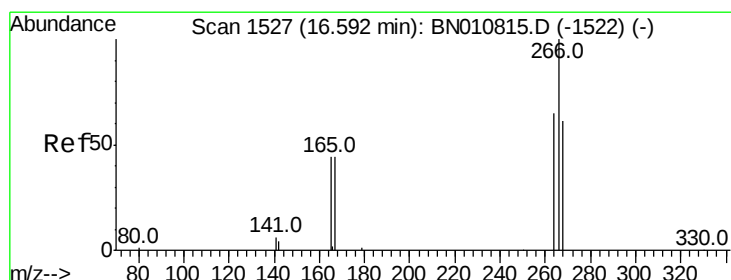
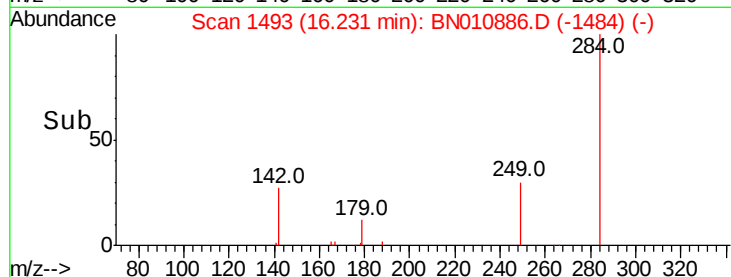
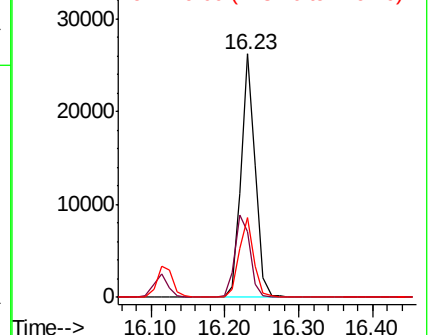
249 33.4 27.1 40.7



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: 6.947 ng

RT: 16.58 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

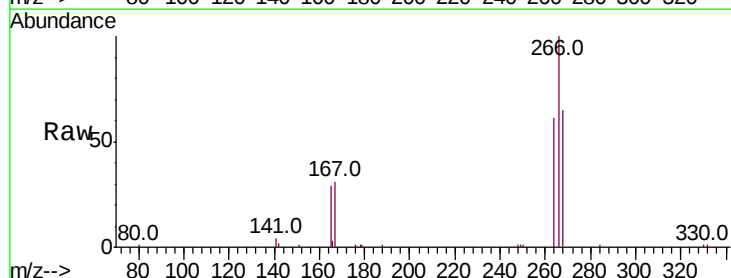
Tgt Ion:266 Resp: 14926

Ion Ratio Lower Upper

266 100

264 60.8 54.8 82.2

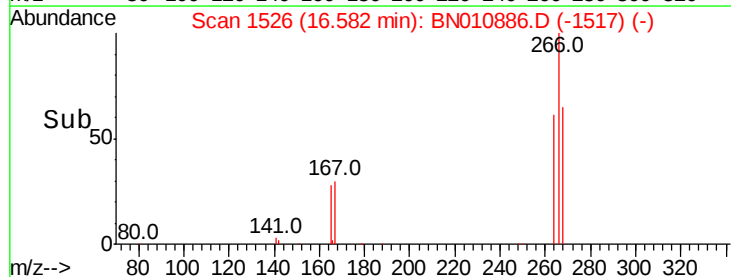
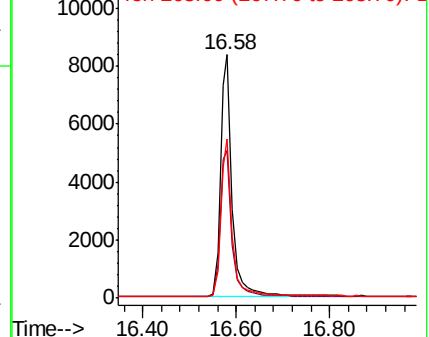
268 65.1 55.9 83.9

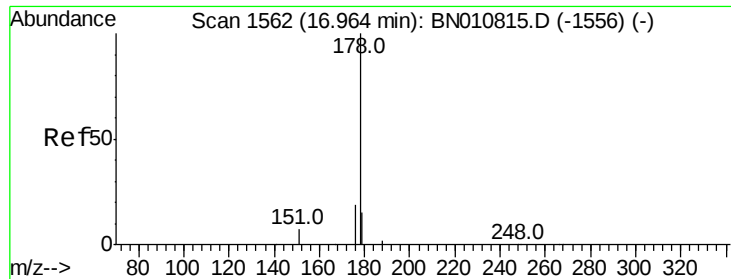


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.629 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampled :

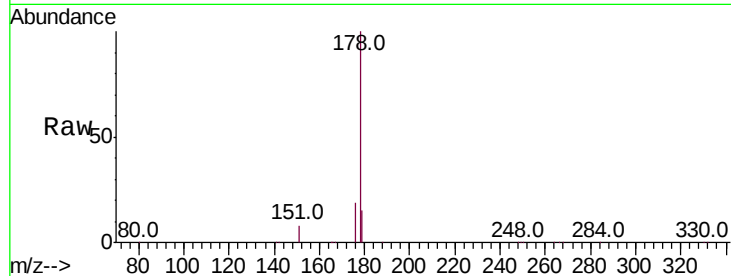
Tot Ion:178 Resp: 156964

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

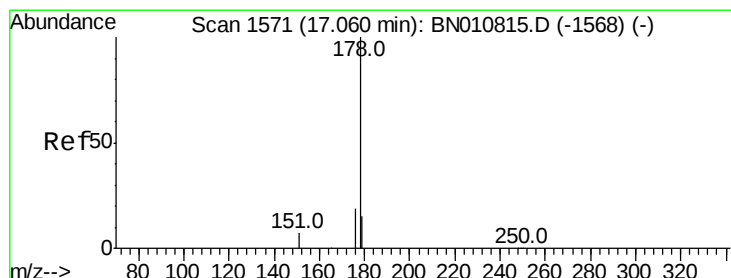
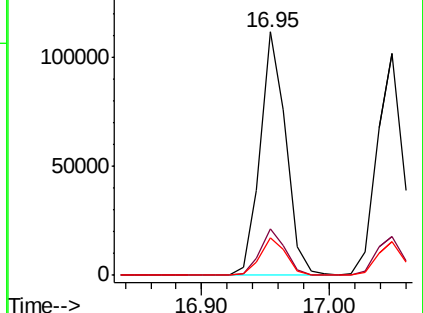
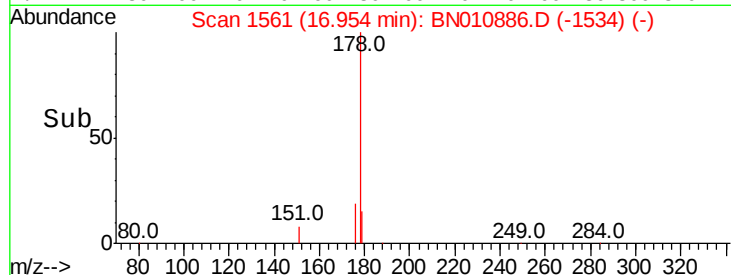
179 15.3 12.6 19.0



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: 6.374 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

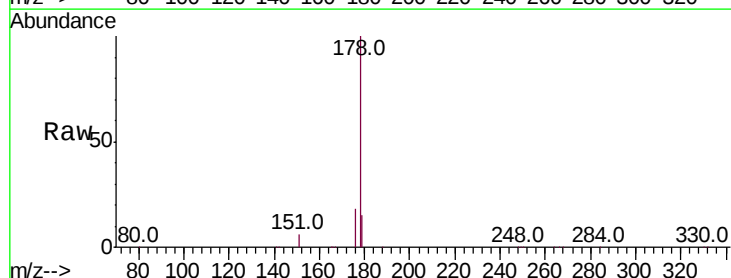
Tgt Ion:178 Resp: 148396

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

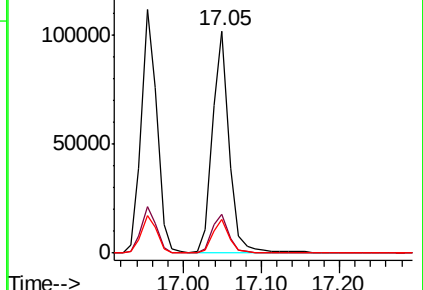
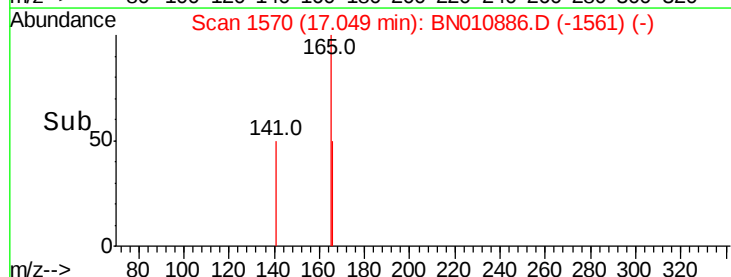
179 15.3 12.3 18.5

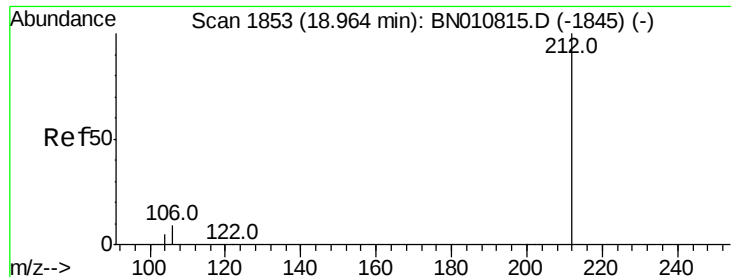


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.290 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

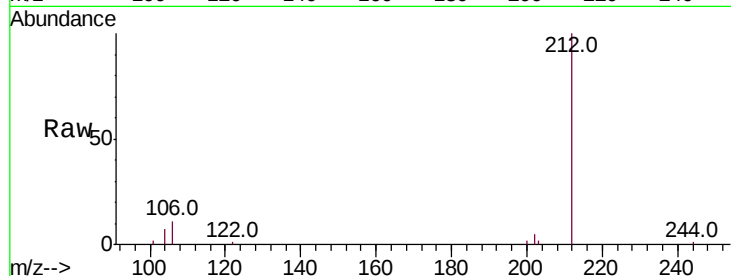
Tot Ion:212 Resp: 8167

Ion Ratio Lower Upper

212 100

106 10.2 6.6 10.0#

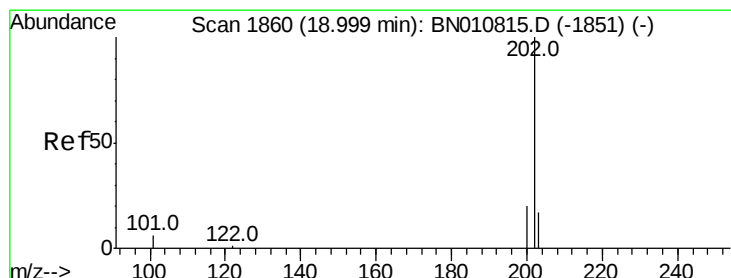
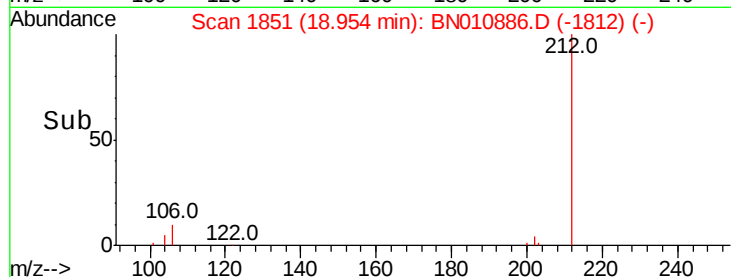
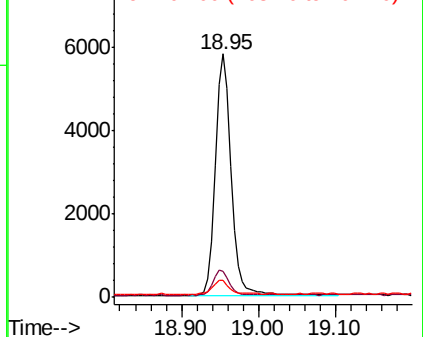
104 5.7 4.0 6.0



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: 5.201 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

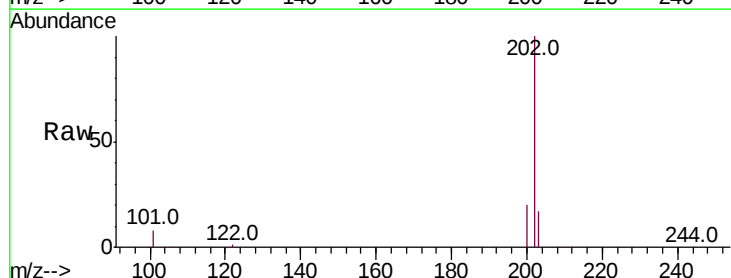
Tgt Ion:202 Resp: 164639

Ion Ratio Lower Upper

202 100

101 8.5 5.8 8.6

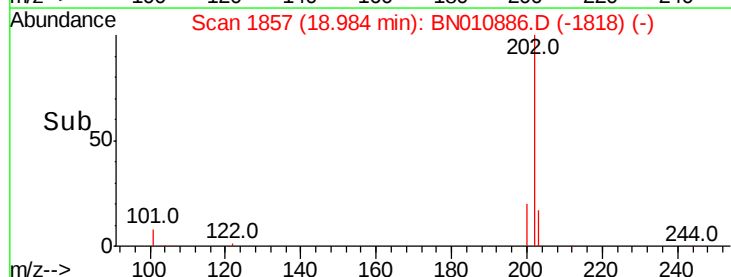
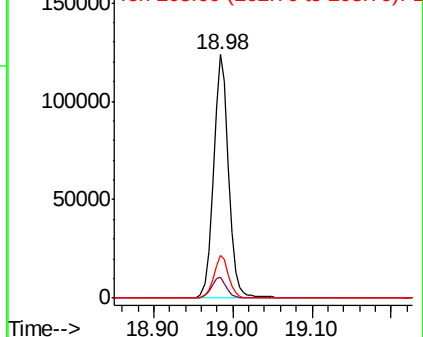
203 17.2 13.7 20.5



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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

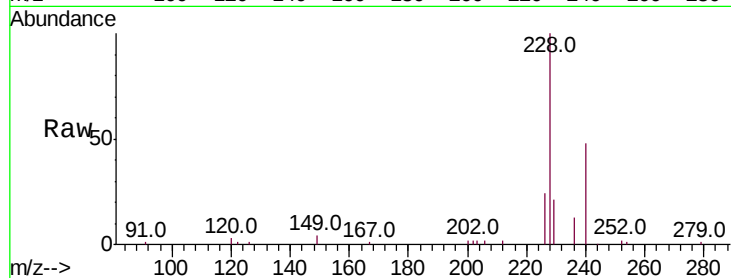
Tot Ion:240 Resp: 9235

Ion Ratio Lower Upper

240 100

120 7.3 7.5 11.3#

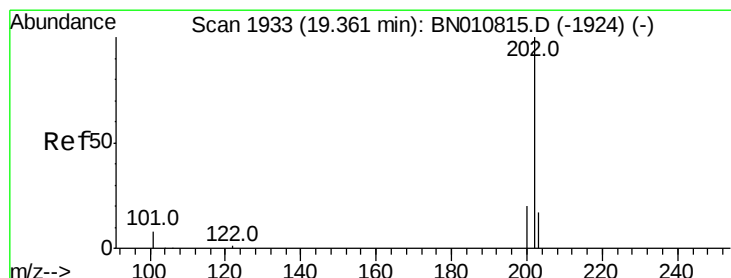
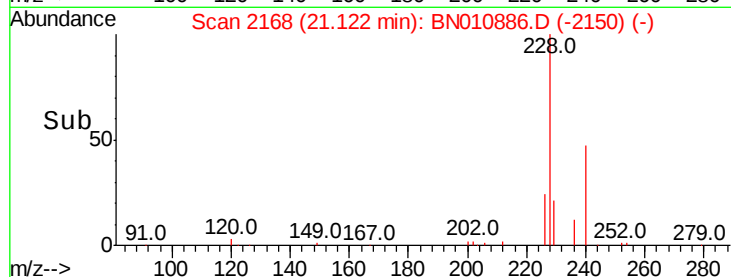
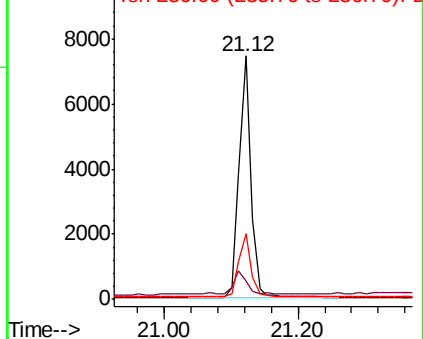
236 27.2 22.3 33.5



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: 5.350 ng

RT: 19.35 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

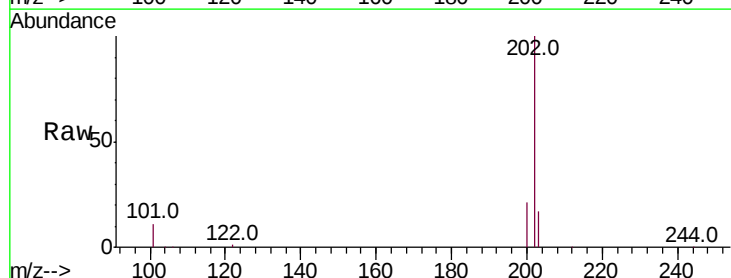
Tgt Ion:202 Resp: 163457

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

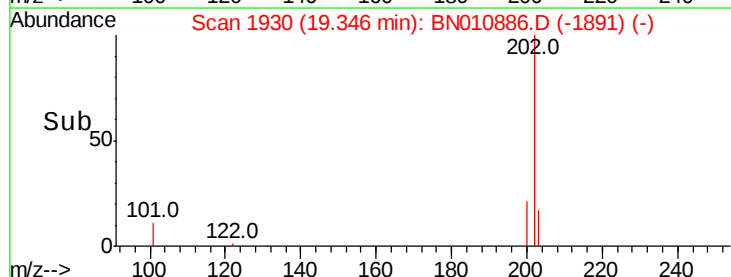
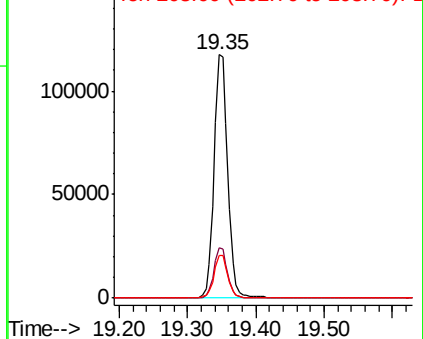
203 17.9 14.2 21.4

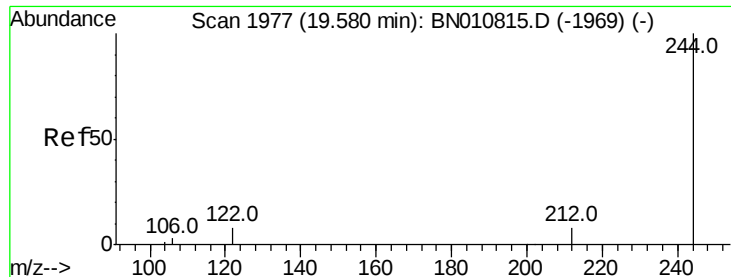


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

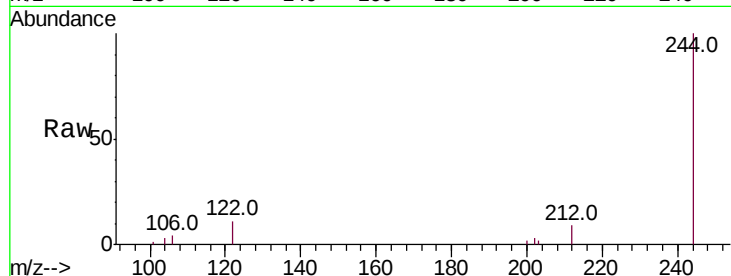
Tot Ion:244 Resp: 7369

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

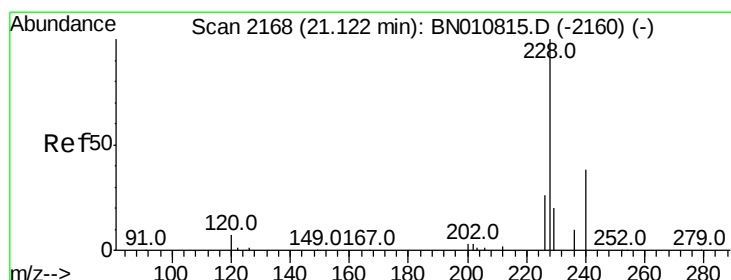
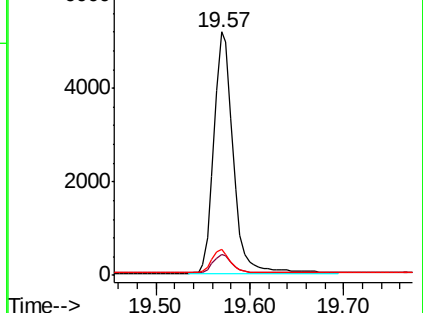
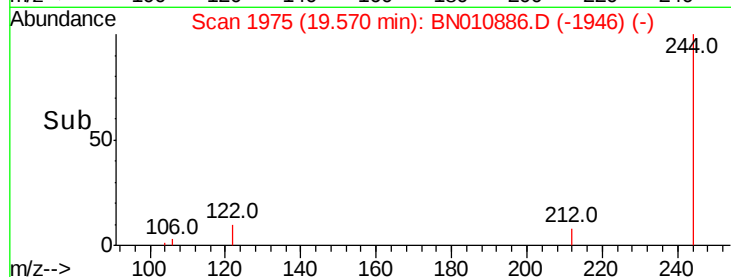
122 10.8 7.5 11.3



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: 5.914 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

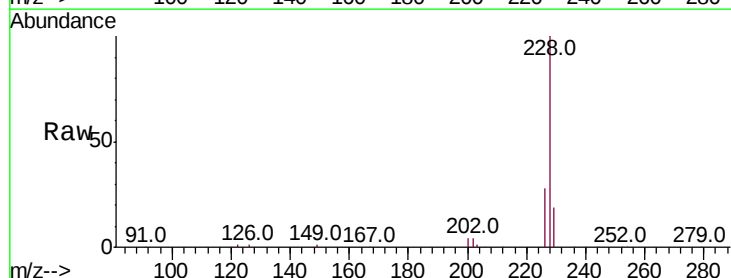
Tgt Ion:228 Resp: 160528

Ion Ratio Lower Upper

228 100

226 27.6 21.3 31.9

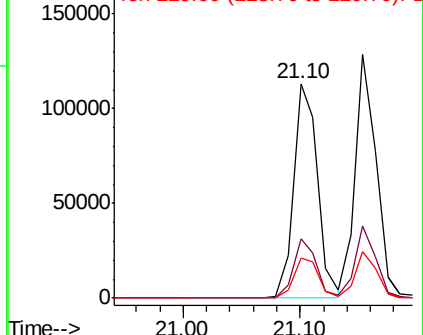
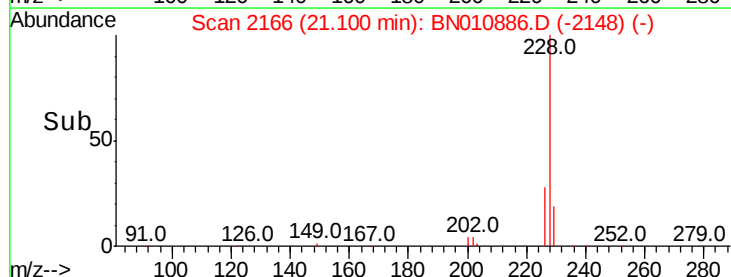
229 18.8 16.6 24.8



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





#31

Chrysene

Concen: 5.091 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

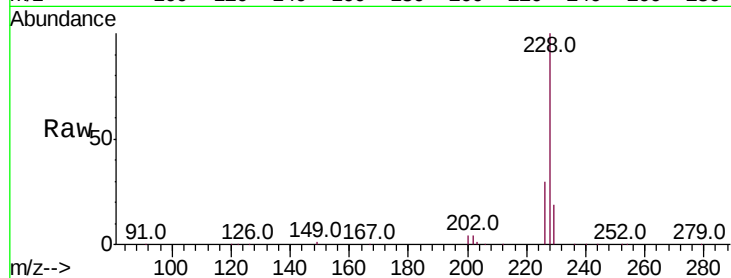
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 161055

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.2	16.1	24.1

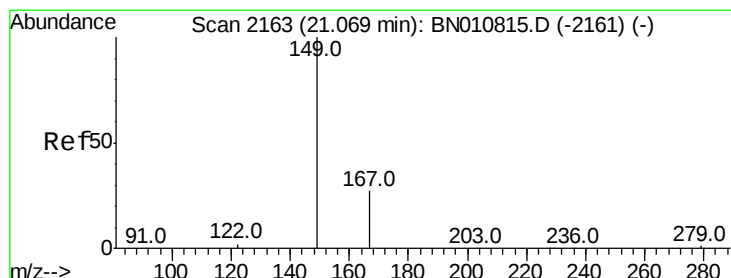
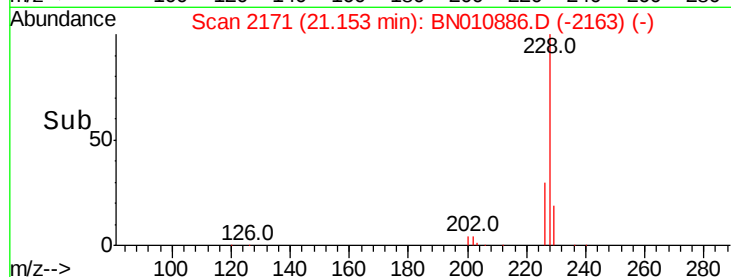
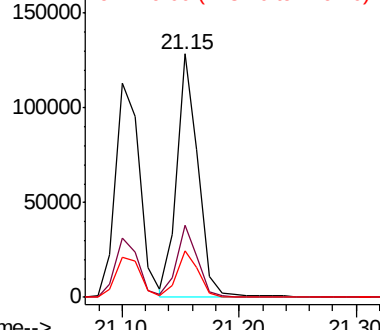


Abundance

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: 6.335 ng

RT: 21.07 min Scan# 2163

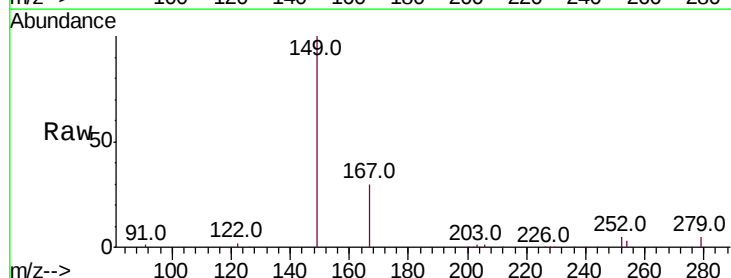
Delta R.T. -0.00 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Tgt Ion:149 Resp: 57336

Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.1	36.1
279	4.5	4.6	7.0#

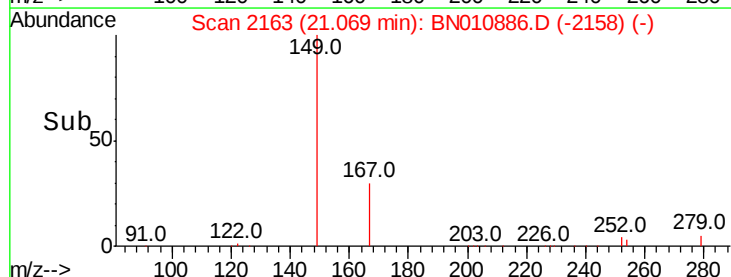
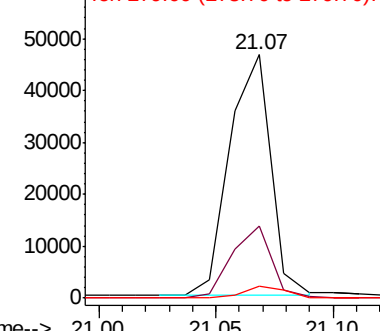


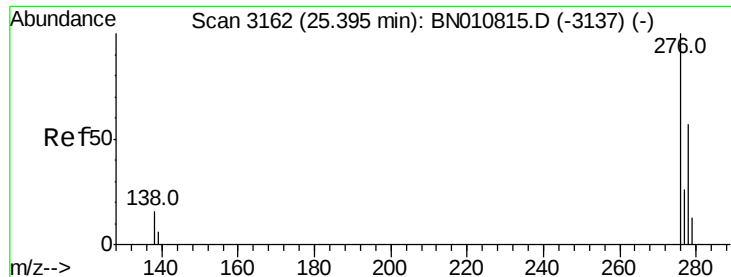
Abundance

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: 5.821 ng

RT: 25.37 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

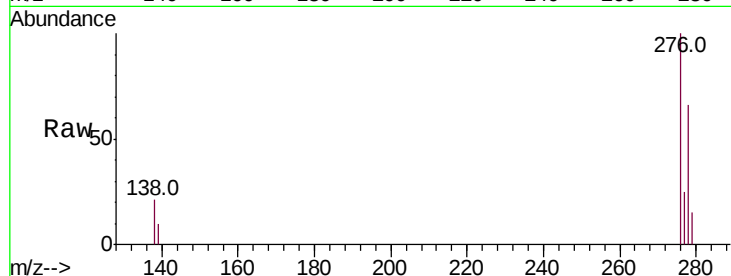
Tot Ion:276 Resp: 205776

Ion Ratio Lower Upper

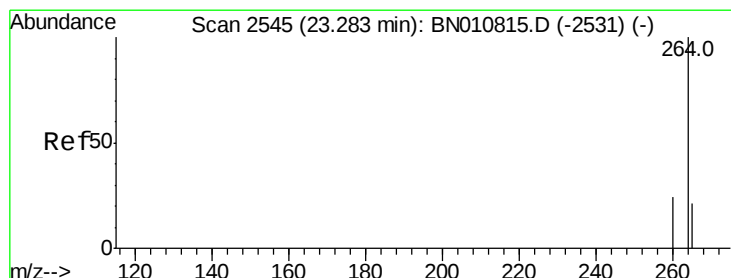
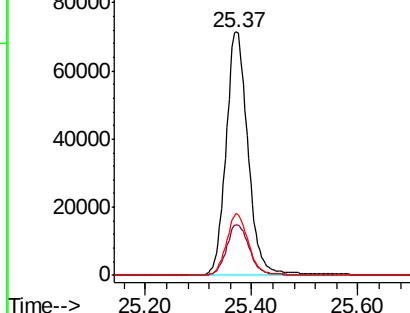
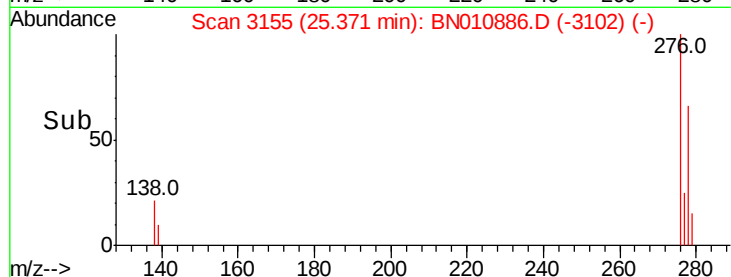
276 100

138 21.4 13.0 19.6#

277 25.2 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: 23.27 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

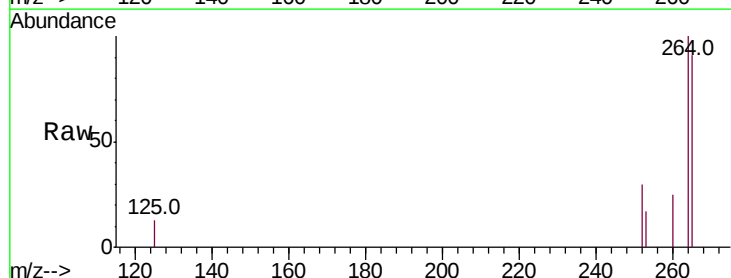
Tgt Ion:264 Resp: 7958

Ion Ratio Lower Upper

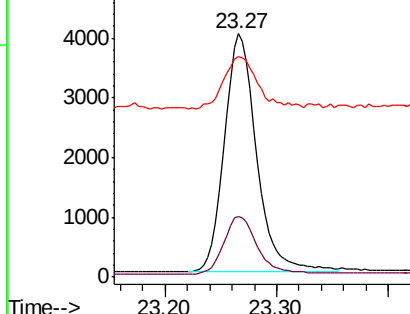
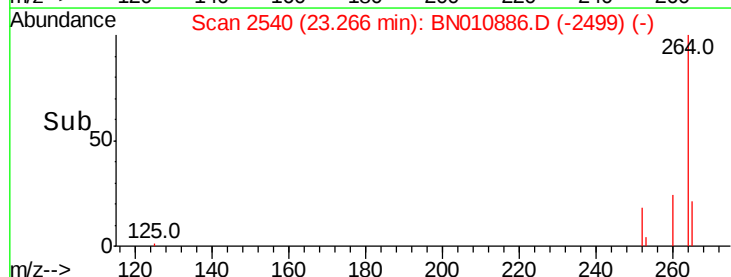
264 100

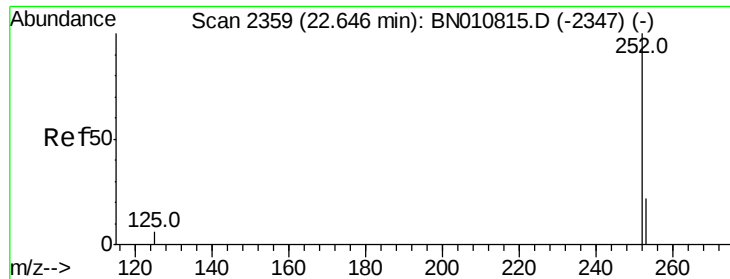
260 25.1 20.4 30.6

265 90.8 75.0 112.4



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

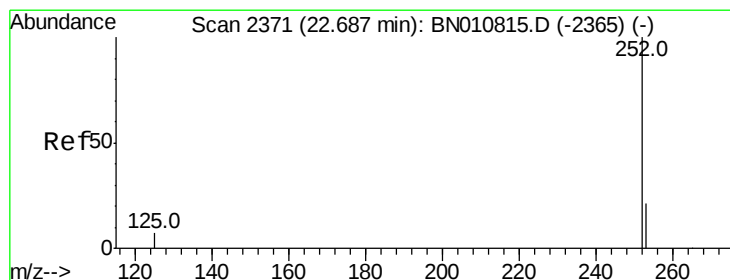
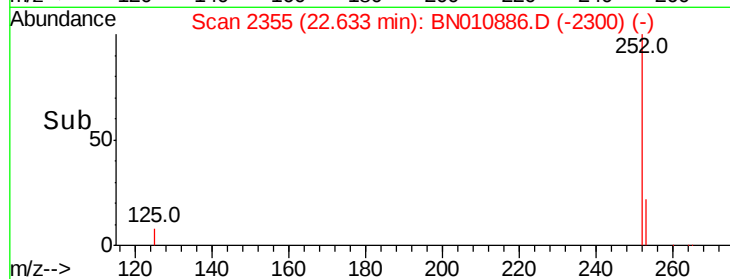
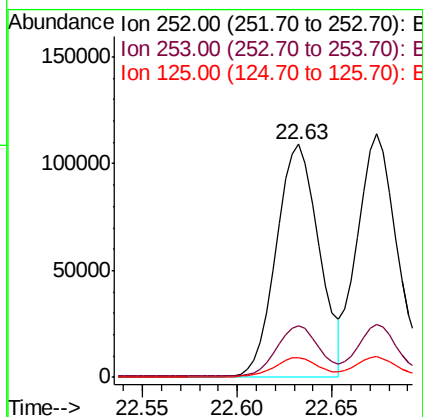
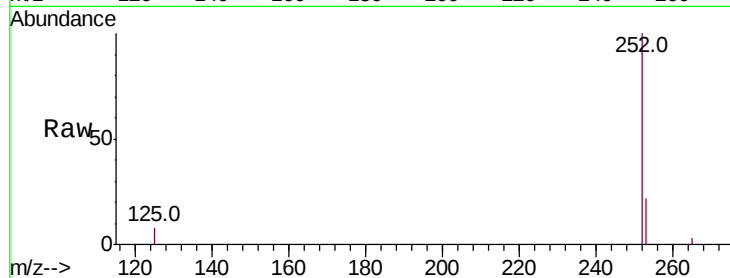




#35
Benzo(b)fluoranthene
Concen: 6.262 ng
RT: 22.63 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

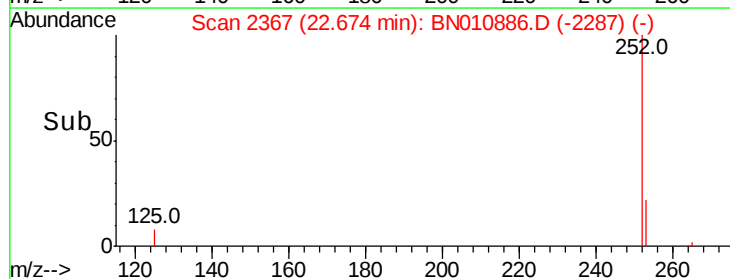
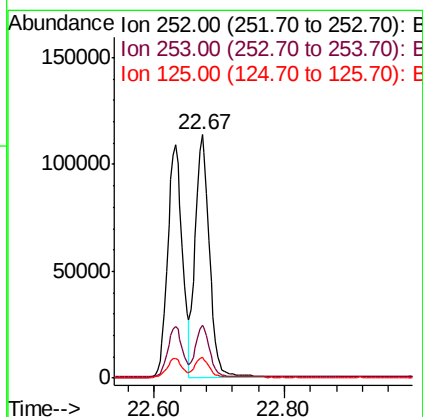
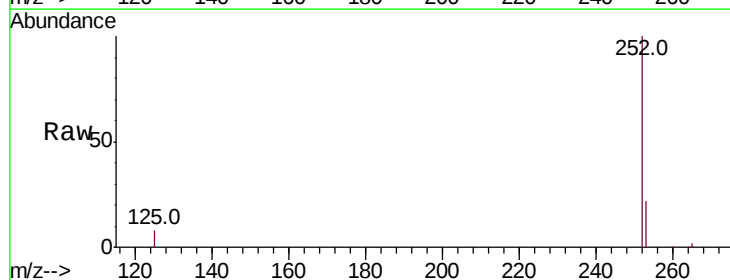
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 169452
Ion Ratio Lower Upper
252 100
253 22.0 22.4 33.6#
125 8.4 9.4 14.0#



#36
Benzo(k)fluoranthene
Concen: 5.952 ng
RT: 22.67 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:252 Resp: 171591
Ion Ratio Lower Upper
252 100
253 22.0 22.2 33.4#
125 8.4 9.8 14.8#





#37

Benzo(a)pyrene

Concen: 6.219 ng

RT: 23.17 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

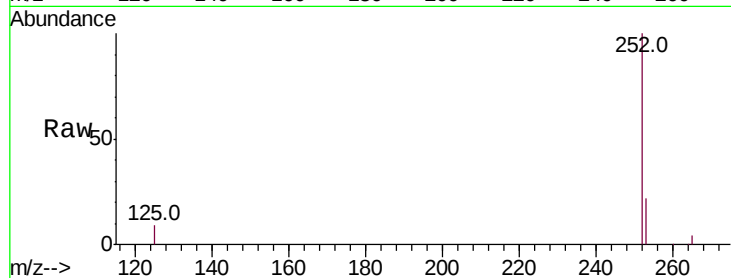
Tot Ion:252 Resp: 144340

Ion Ratio Lower Upper

252 100

253 22.1 25.8 38.8#

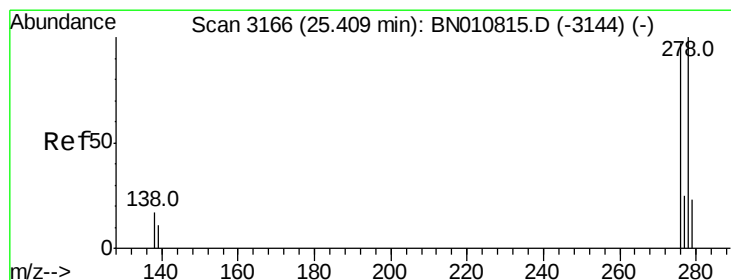
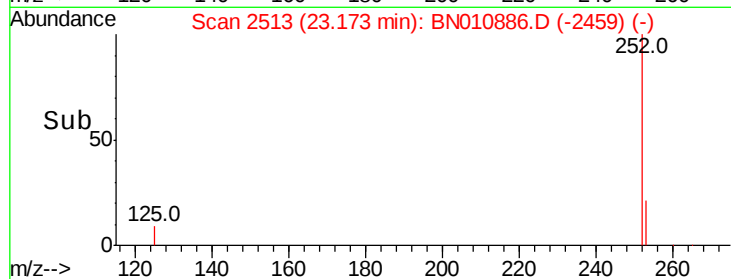
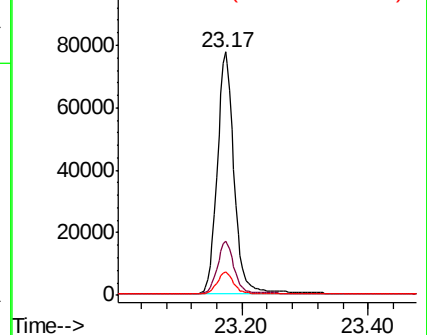
125 9.4 12.4 18.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 6.718 ng

RT: 25.38 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

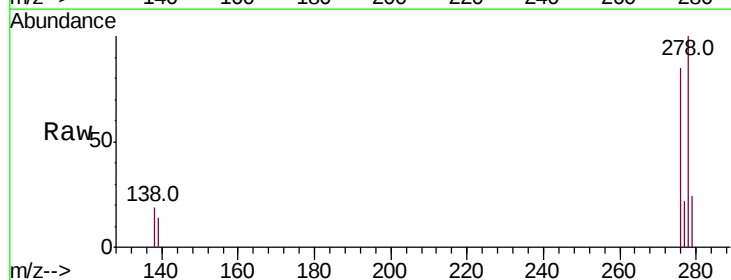
Tgt Ion:278 Resp: 177810

Ion Ratio Lower Upper

278 100

139 13.7 10.6 15.8

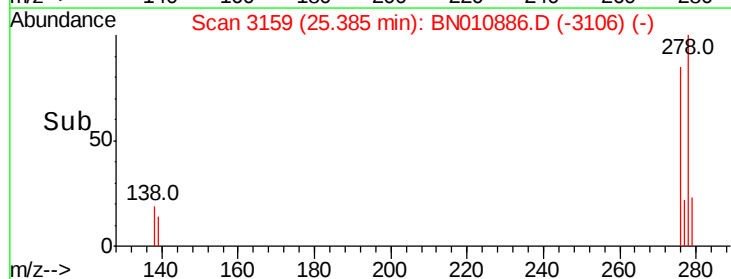
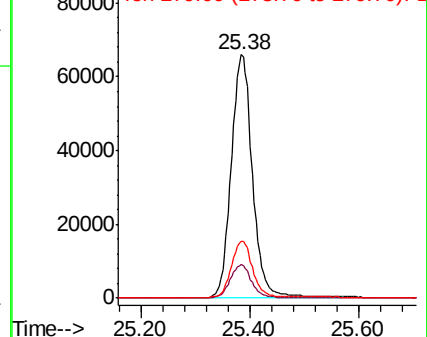
279 23.5 23.6 35.4#

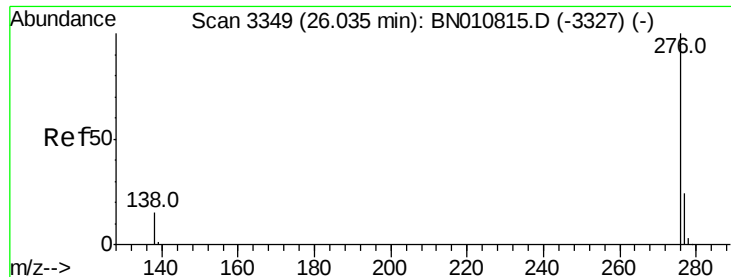


Abundance Ion 278.00 (277.70 to 278.70): E

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: 6.413 ng

RT: 26.01 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BN010886.D

Acq: 16 Jun 2020 02:01

Instrument :

BNA_N

ClientSampleId :

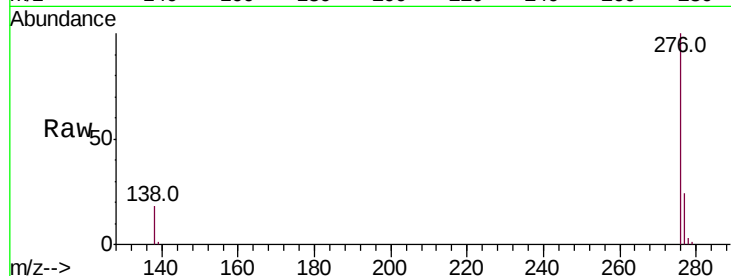
Tot Ion:276 Resp: 177413

Ion Ratio Lower Upper

276 100

277 23.8 20.5 30.7

138 17.9 13.7 20.5



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

