

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062920\
 Data File : BN011067.D
 Acq On : 29 Jun 2020 15:08
 Operator : CG/JU
 Sample : PB129845BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129845BS

Quant Time: Jun 29 15:44:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 11:59:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2669	0.40	ng	-0.02
7) Naphthalene-d8	10.25	136	9055	0.40	ng	-0.01
13) Acenaphthene-d10	14.13	164	4802	0.40	ng	-0.01
19) Phenanthrene-d10	16.89	188	9686	0.40	ng	-0.01
29) Chrysene-d12	21.11	240	8830	0.40	ng	0.00
36) Perylene-d12	23.25	264	9053	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	2455	0.33	ng	-0.02
5) Phenol-d6	6.71	99	2772	0.31	ng	-0.02
8) Nitrobenzene-d5	8.64	82	2814	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	11.85	152	6330	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	662	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.75	172	7903	0.35	ng	-0.01
27) Fluoranthene-d10	18.93	212	10761	0.35	ng	0.00
31) Terphenyl-d14	19.55	244	9300	0.39	ng	0.00

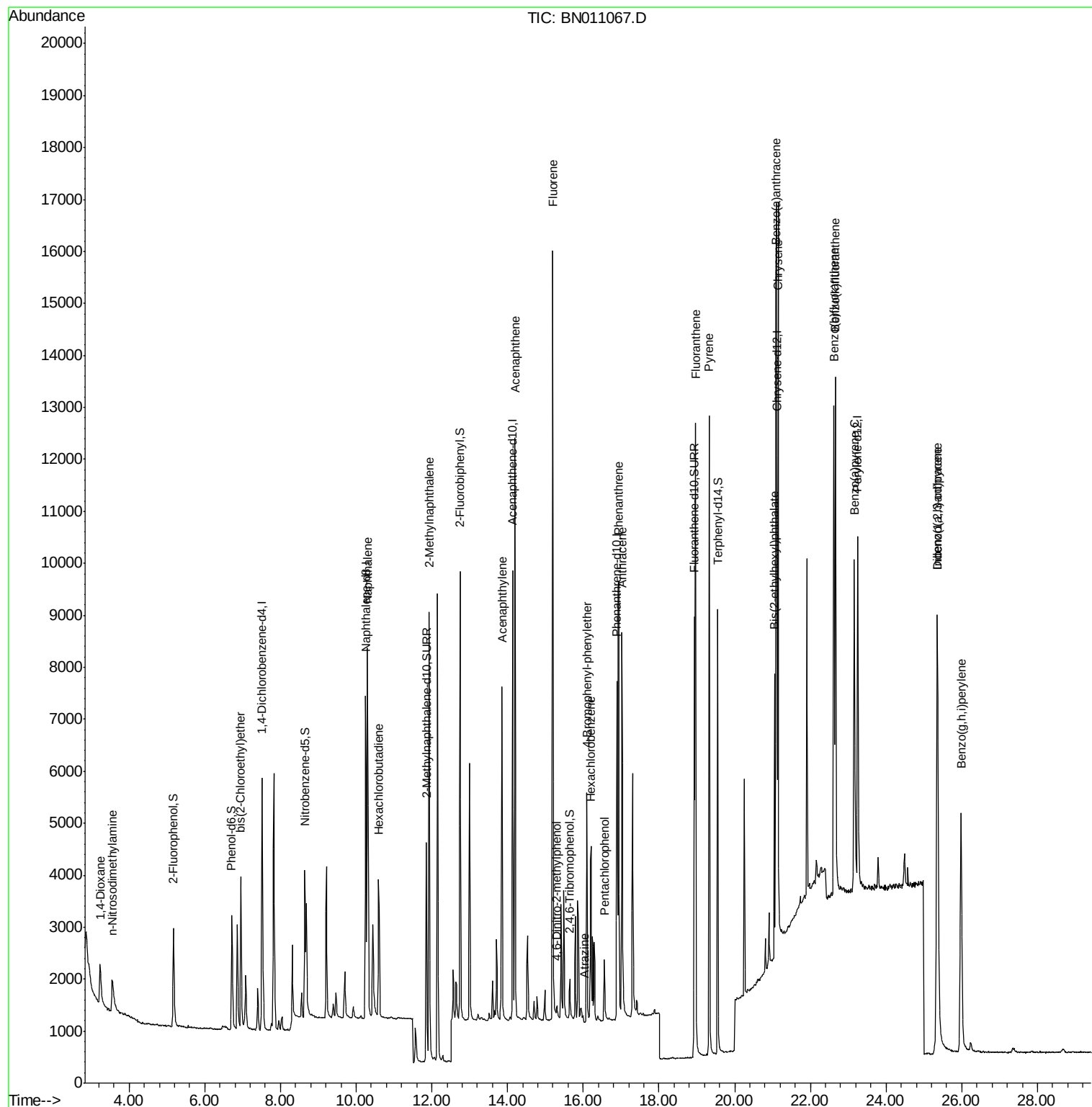
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1196	0.333	ng	98
3) n-Nitrosodimethylamine	3.55	42	753	0.376	ng	# 87
6) bis(2-Chloroethyl)ether	6.95	93	2912	0.378	ng	100
9) Naphthalene	10.30	128	9420	0.343	ng	99
10) Hexachlorobutadiene	10.60	225	2244	0.339	ng	# 99
12) 2-Methylnaphthalene	11.93	142	6780	0.368	ng	100
16) Acenaphthylene	13.85	152	8206	0.339	ng	99
17) Acenaphthene	14.20	154	5451	0.335	ng	99
18) Fluorene	15.20	166	6898	0.333	ng	99
20) 4,6-Dinitro-2-methylphenol	15.30	198	282	0.174	ng	# 71
21) 4-Bromophenyl-phenylether	16.10	248	2289	0.342	ng	# 82
22) Hexachlorobenzene	16.20	284	2423	0.327	ng	97
23) Atrazine	16.03	200	173	0.035	ng	# 9
24) Pentachlorophenol	16.56	266	706	0.301	ng	97
25) Phenanthrene	16.93	178	10741	0.329	ng	100
26) Anthracene	17.02	178	9081	0.335	ng	99
28) Fluoranthene	18.97	202	12021	0.322	ng	100
30) Pyrene	19.33	202	12032	0.354	ng	100
32) Benzo(a)anthracene	21.09	228	10763	0.352	ng	100
33) Chrysene	21.14	228	11796	0.354	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	4863	0.395	ng	100
35) Indeno(1,2,3-cd)pyrene	25.35	276	11854	0.320	ng	99
37) Benzo(b)fluoranthene	22.62	252	11695	0.327	ng	99
38) Benzo(k)fluoranthene	22.66	252	12716	0.342	ng	98
39) Benzo(a)pyrene	23.16	252	10291	0.324	ng	98
40) Dibenzo(a,h)anthracene	25.36	278	9083	0.265	ng	97
41) Benzo(g,h,i)perylene	25.98	276	10416	0.293	ng	100

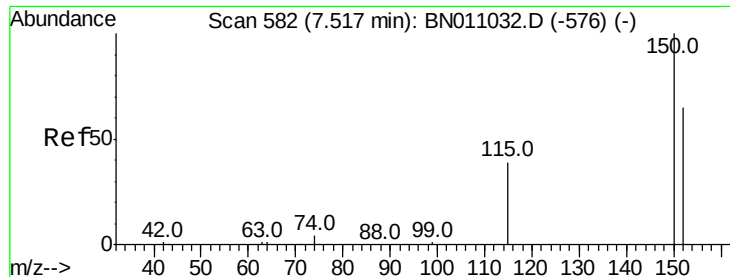
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.51 min Scan# 581

Delta R.T. -0.02 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

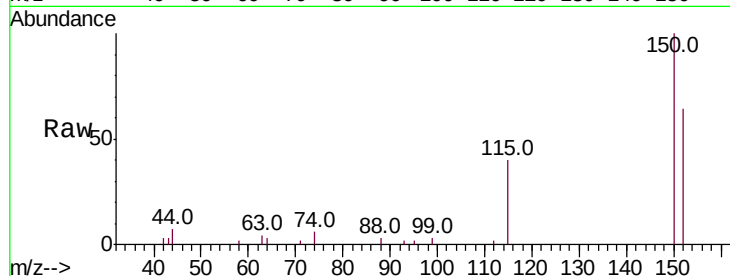
Tot Ion:152 Resp: 2669

Ion Ratio Lower Upper

152 100

150 156.1 121.8 182.8

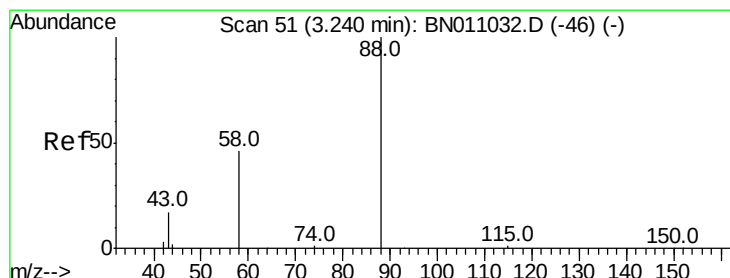
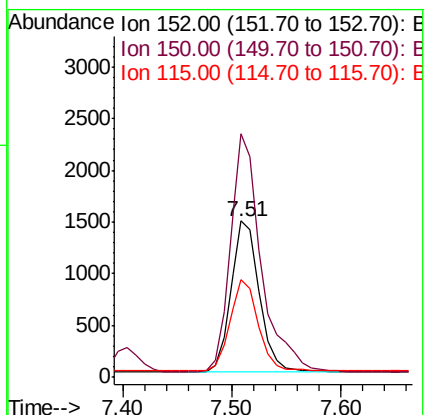
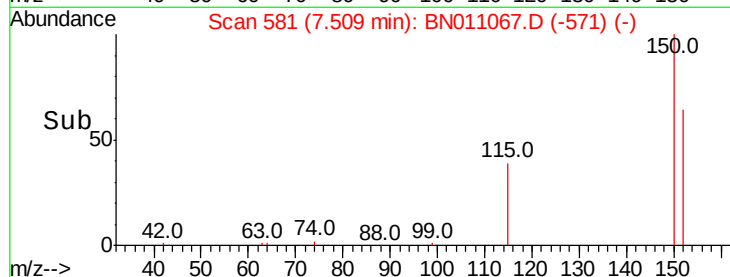
115 62.9 50.2 75.2



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: 0.333 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

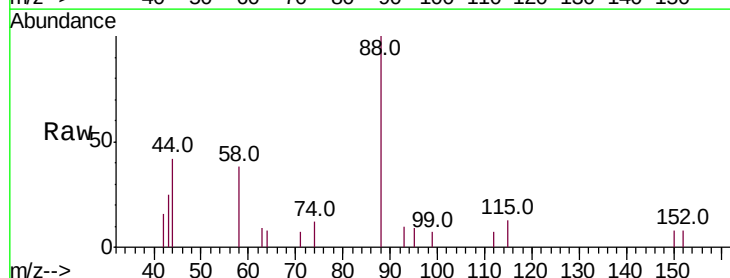
Tgt Ion: 88 Resp: 1196

Ion Ratio Lower Upper

88 100

58 48.4 38.4 57.6

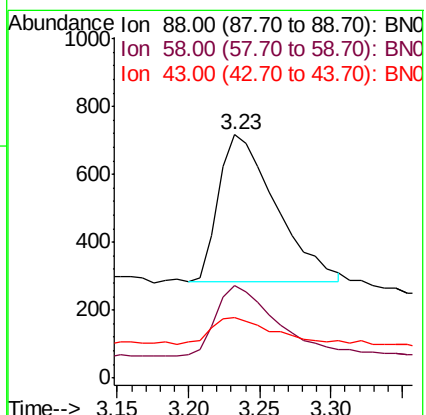
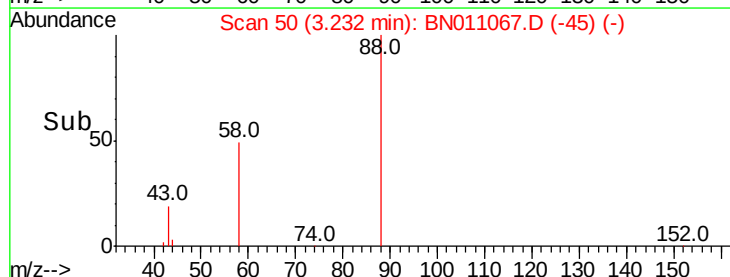
43 16.1 14.2 21.4

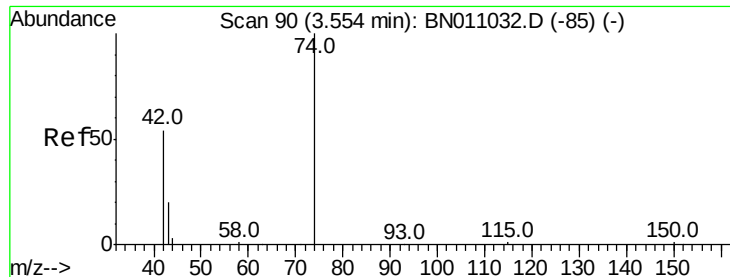


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.376 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.01 min

Lab File: BN011067.D

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Instrument :

BNA_N

ClientSampleId :

PB129845BS

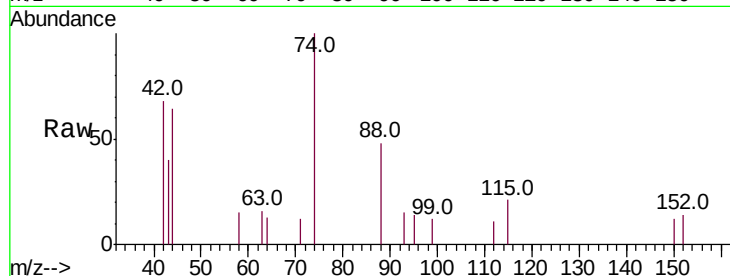
Tot Ion: 42 Resp: 753

Ion Ratio Lower Upper

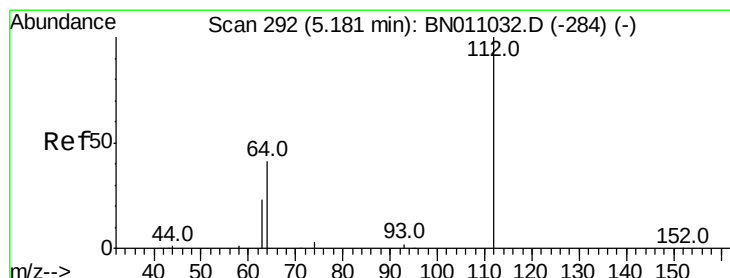
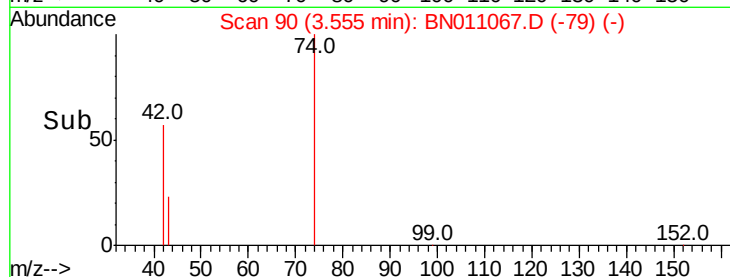
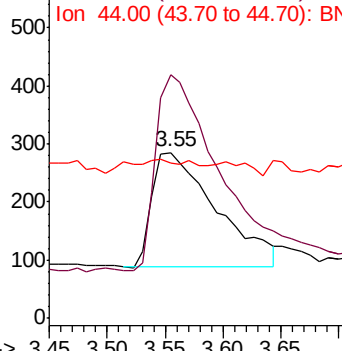
42 100

74 173.4 154.8 232.2

44 8.6 4.8 7.2#



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: 0.326 ng

RT: 5.17 min Scan# 291

Delta R.T. -0.02 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

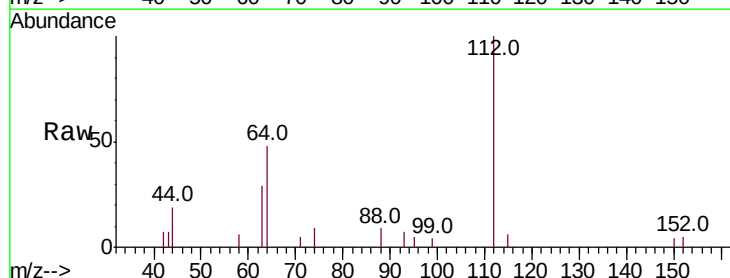
Tgt Ion: 112 Resp: 2455

Ion Ratio Lower Upper

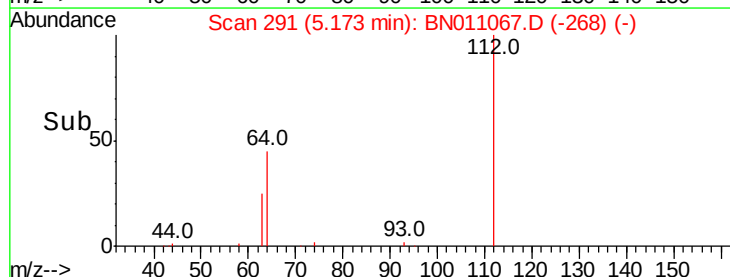
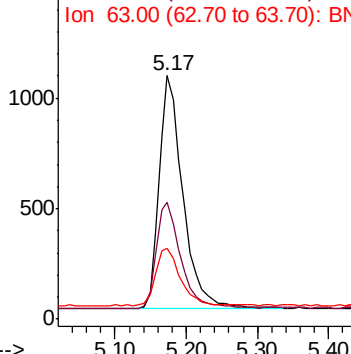
112 100

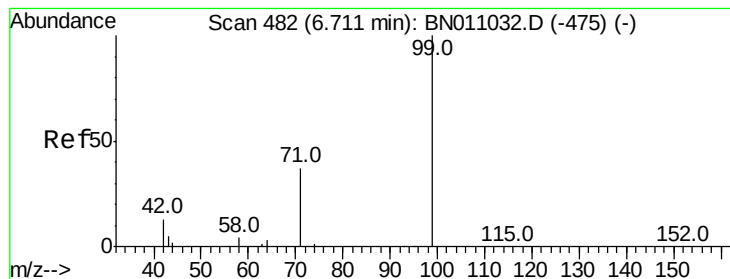
64 45.7 37.3 55.9

63 25.7 20.4 30.6



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: 0.311 ng

RT: 6.71 min Scan# 482

Delta R.T. -0.02 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

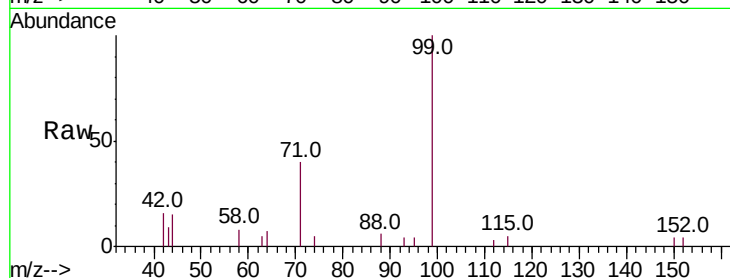
Tot Ion: 99 Resp: 2772

Ion Ratio Lower Upper

99 100

42 13.4 10.6 16.0

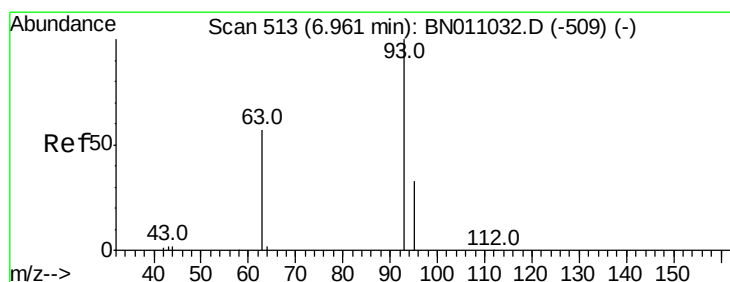
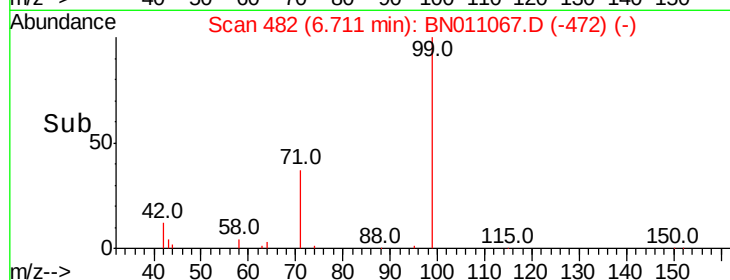
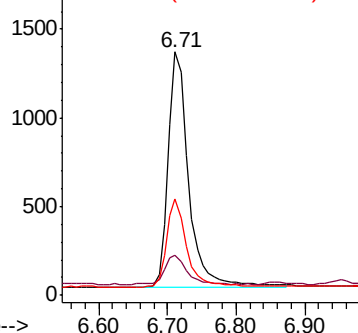
71 36.4 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011032.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011032.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.378 ng

RT: 6.95 min Scan# 512

Delta R.T. -0.02 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

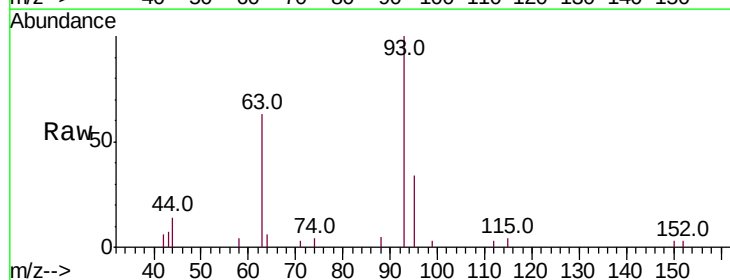
Tgt Ion: 93 Resp: 2912

Ion Ratio Lower Upper

93 100

63 54.3 43.7 65.5

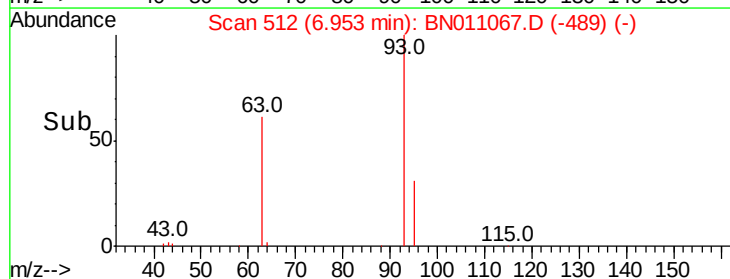
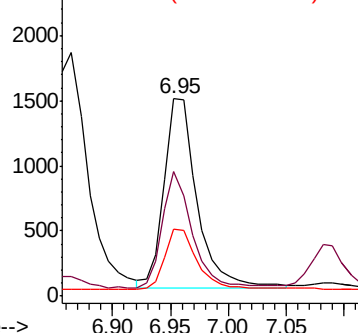
95 31.6 25.3 37.9

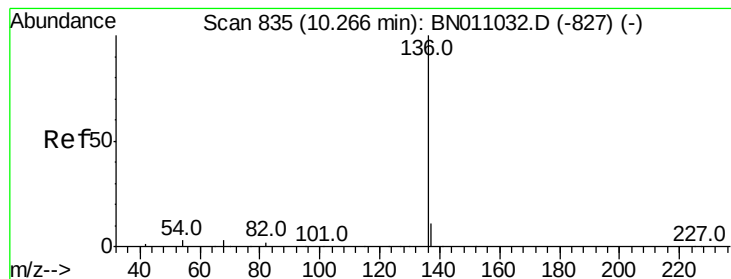


Abundance Ion 93.00 (92.70 to 93.70): BN011032.D (-509) (-)

Ion 63.00 (62.70 to 63.70): BN011032.D (-509) (-)

Ion 95.00 (94.70 to 95.70): BN011032.D (-509) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

Tot Ion:136 Resp: 9055

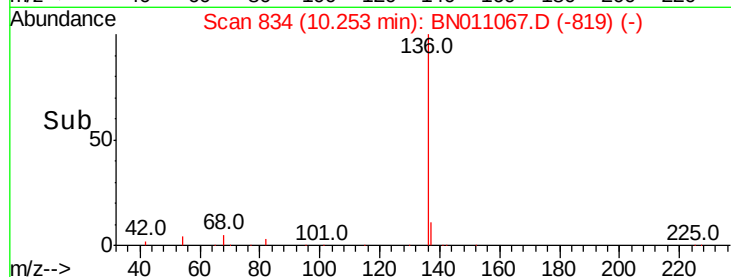
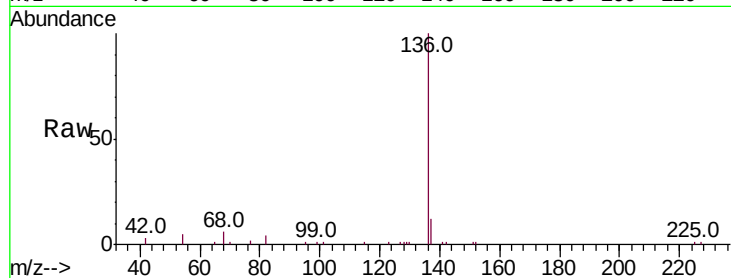
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 5.1 3.0 4.4#

68 5.6 3.4 5.2#

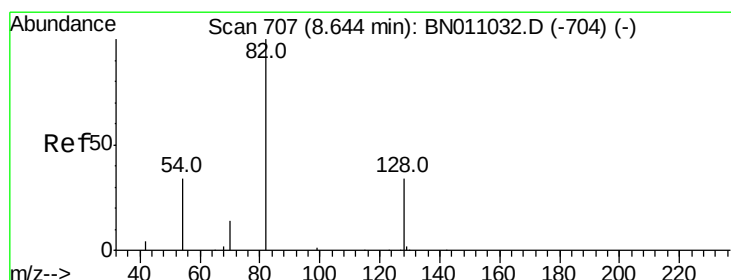
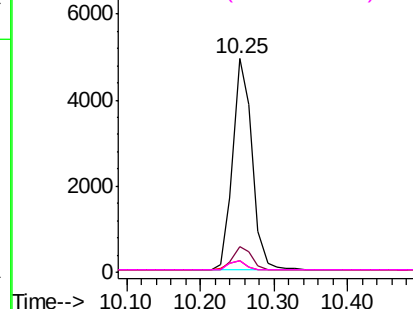


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 8.64 min Scan# 707

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

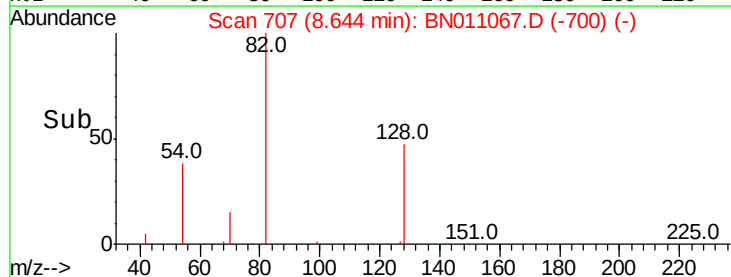
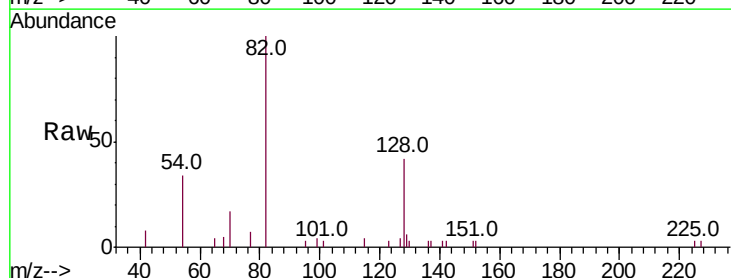
Tgt Ion: 82 Resp: 2814

Ion Ratio Lower Upper

82 100

128 42.0 29.4 44.2

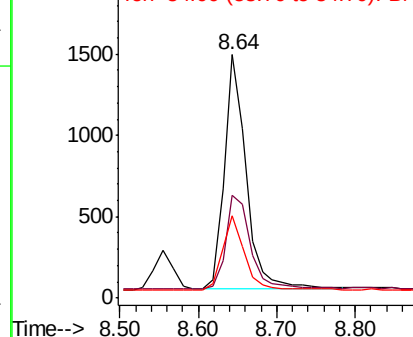
54 33.9 28.8 43.2

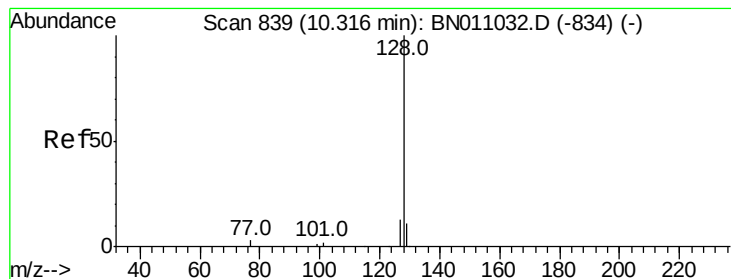


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.343 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

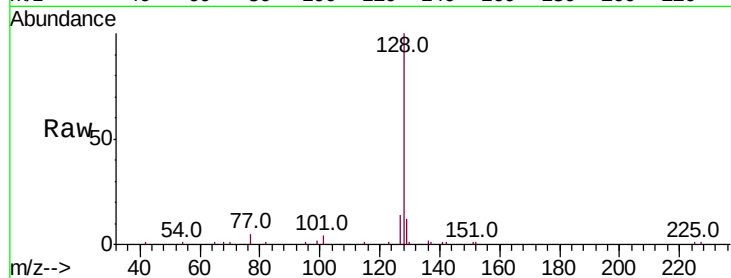
Tot Ion:128 Resp: 9420

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.6

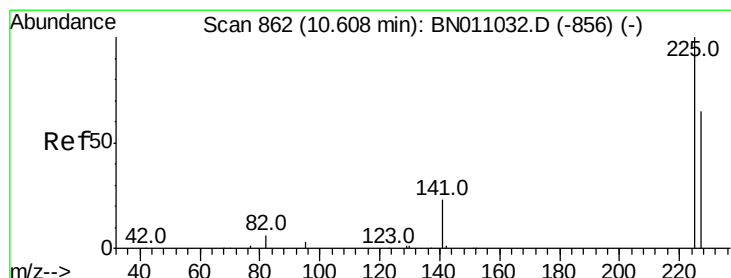
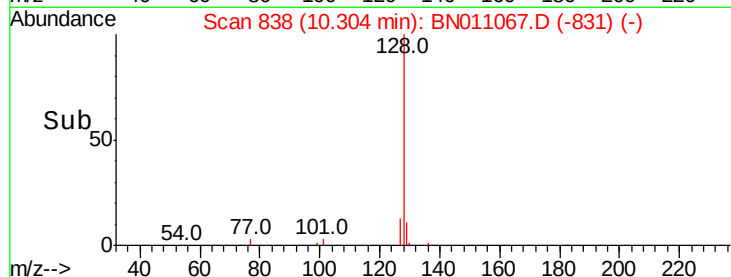
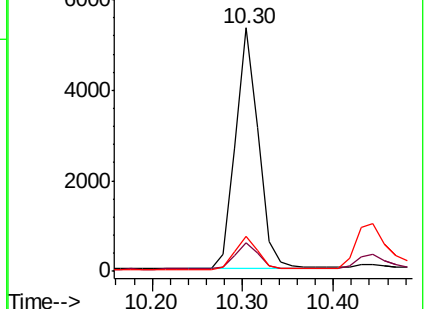
127 14.3 10.9 16.3



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: 0.339 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

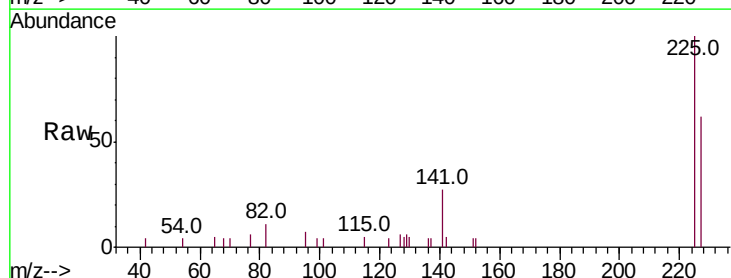
Tgt Ion:225 Resp: 2244

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

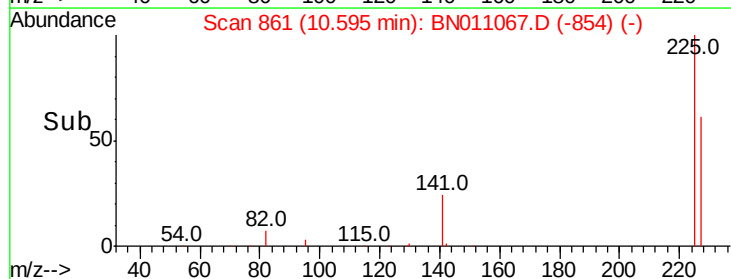
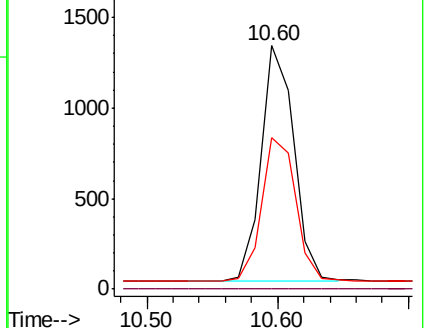
227 63.5 51.7 77.5

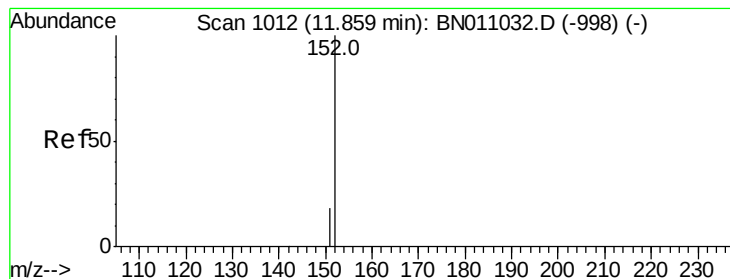


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 11.85 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

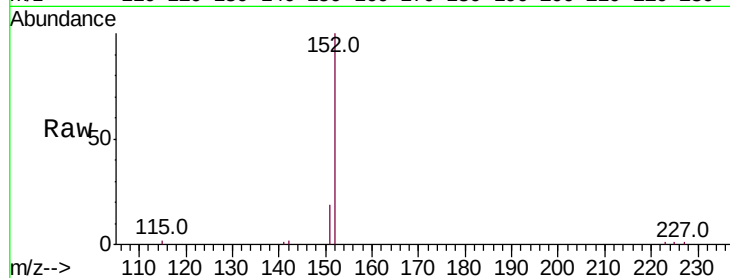
PB129845BS

Tot Ion:152 Resp: 6330

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.85

4000

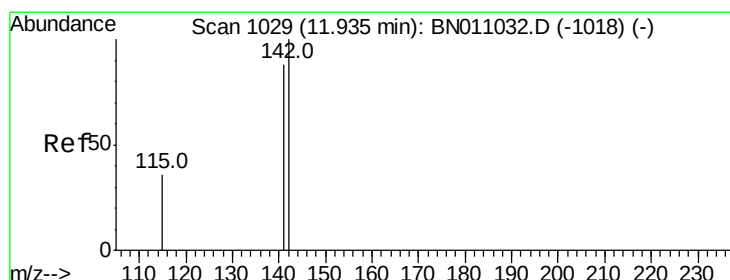
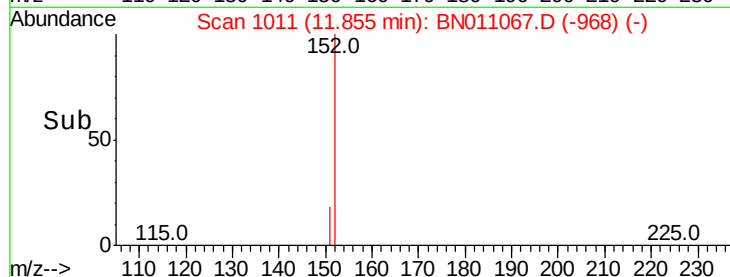
3000

2000

1000

0

Time--> 11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 11.93 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

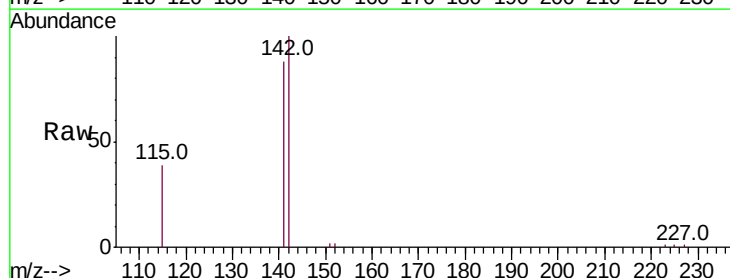
Tgt Ion:142 Resp: 6780

Ion Ratio Lower Upper

142 100

141 88.3 70.6 106.0

115 38.6 30.2 45.2



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

11.93

5000

4000

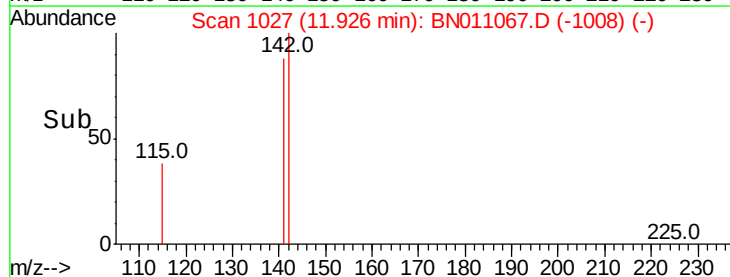
3000

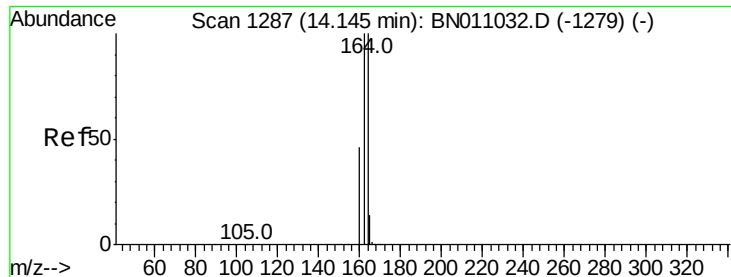
2000

1000

0

Time--> 11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

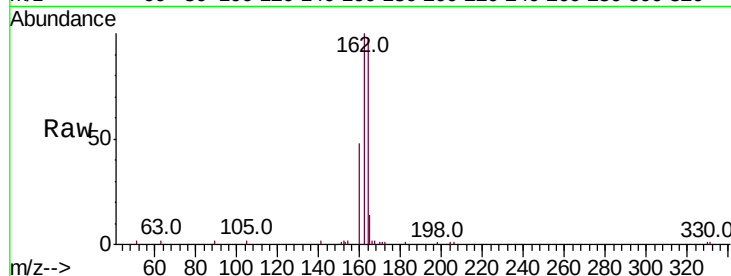
Tot Ion:164 Resp: 4802

Ion Ratio Lower Upper

164 100

162 102.9 80.2 120.4

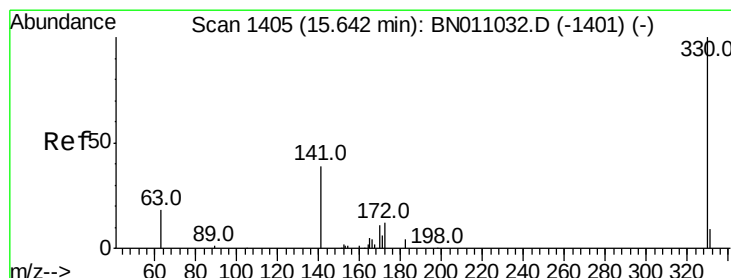
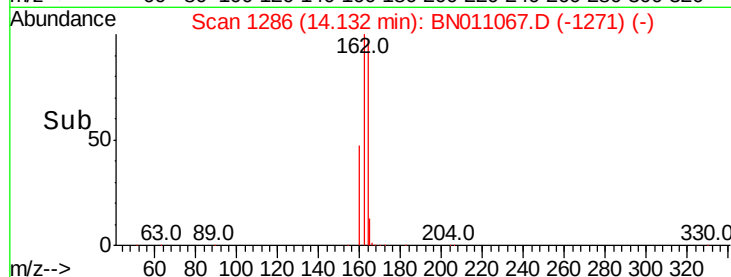
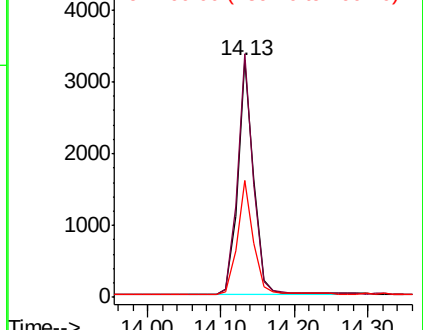
160 49.3 37.7 56.5



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: 0.314 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

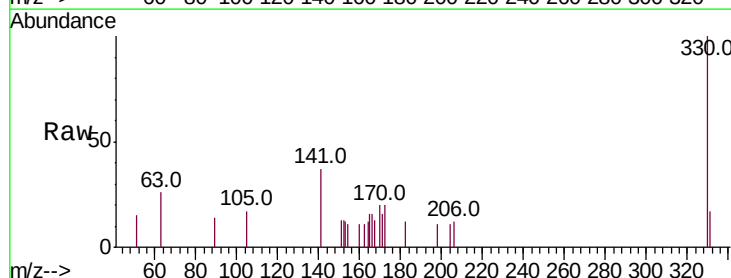
Tgt Ion:330 Resp: 662

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

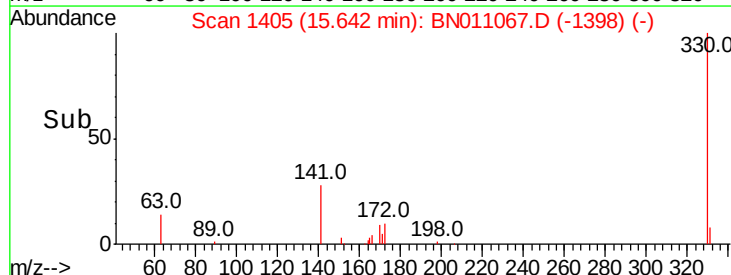
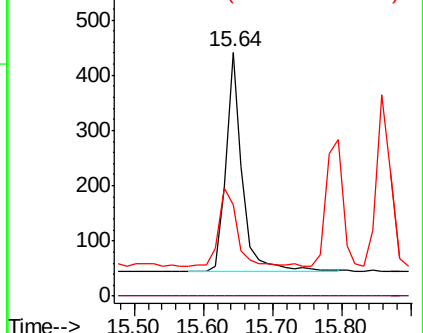
141 40.2 34.5 51.7

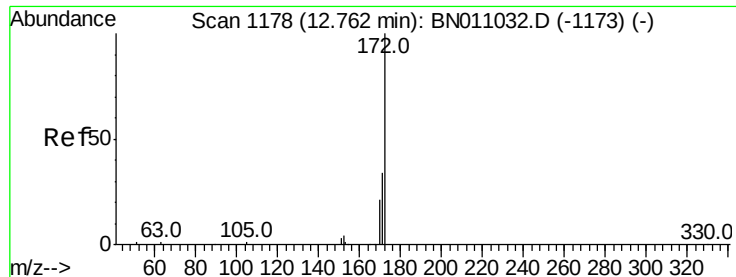


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

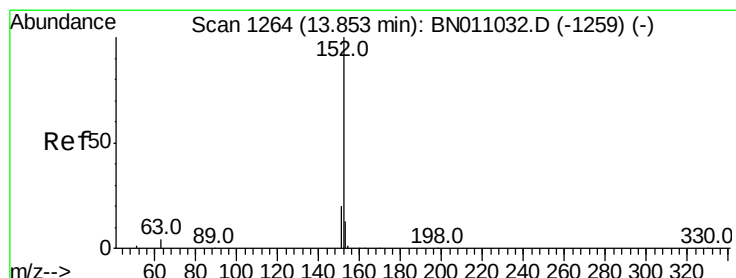
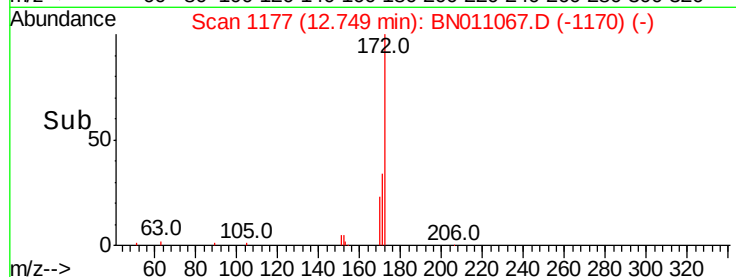
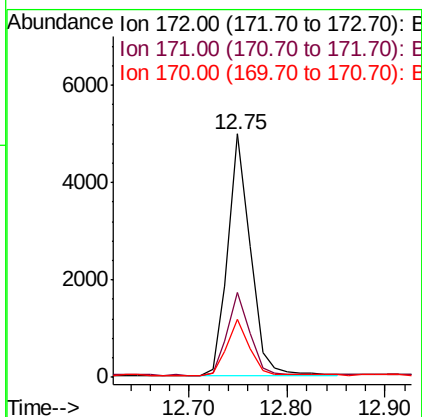
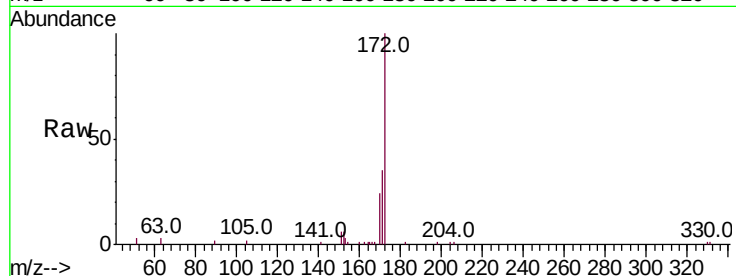




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011067.D
Acq: 29 Jun 2020 15:08

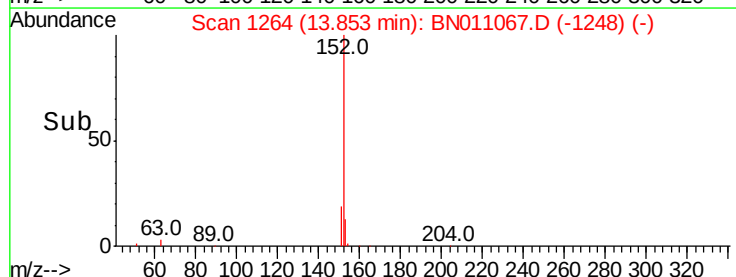
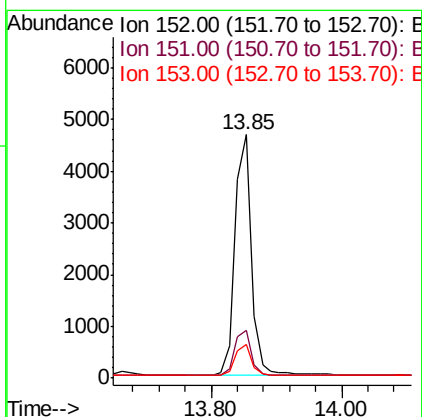
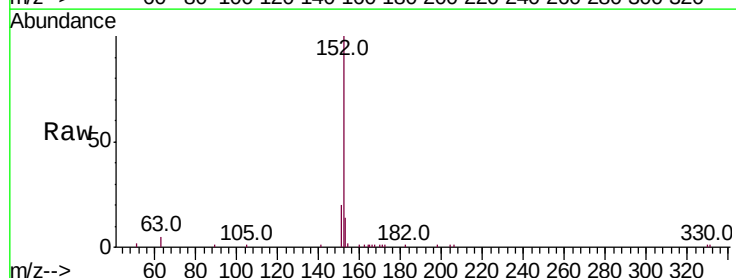
Instrument :
BNA_N
ClientSampleId :
PB129845BS

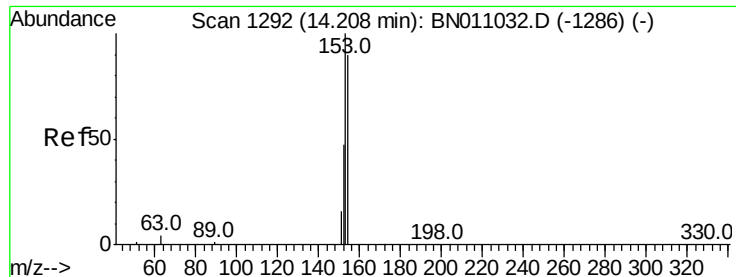
Tot Ion:172 Resp: 7903
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.2
170 23.6 17.5 26.3



#16
Acenaphthylene
Concen: 0.339 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011067.D
Acq: 29 Jun 2020 15:08

Tgt Ion:152 Resp: 8206
Ion Ratio Lower Upper
152 100
151 19.2 15.6 23.4
153 12.9 10.2 15.2





#17

Acenaphthene

Concen: 0.335 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

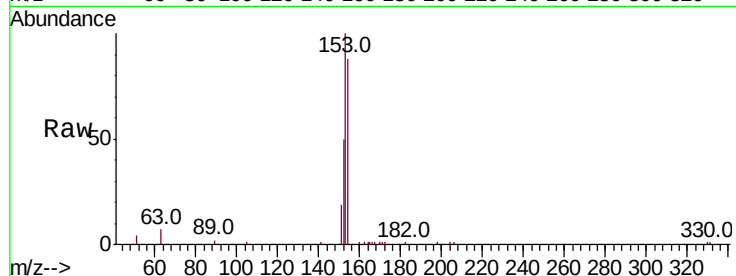
Tot Ion:154 Resp: 5451

Ion Ratio Lower Upper

154 100

153 114.7 92.3 138.5

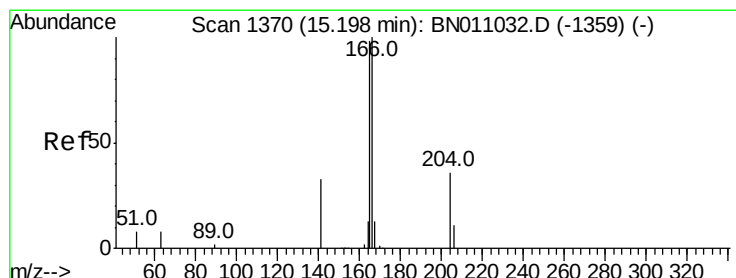
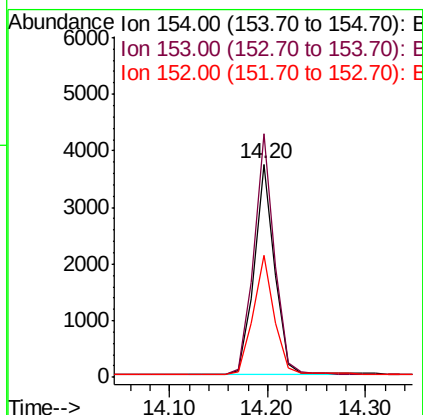
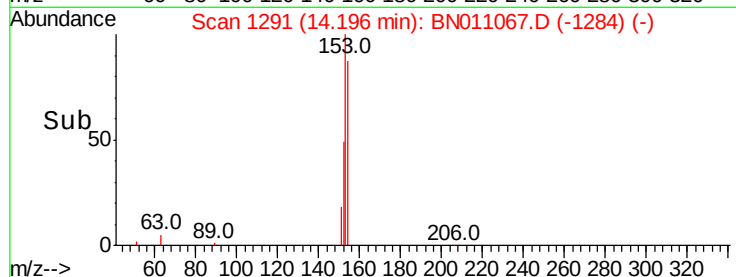
152 57.8 45.5 68.3



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: 0.333 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

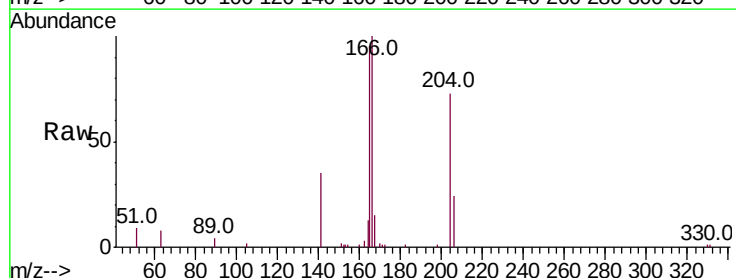
Tgt Ion:166 Resp: 6898

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

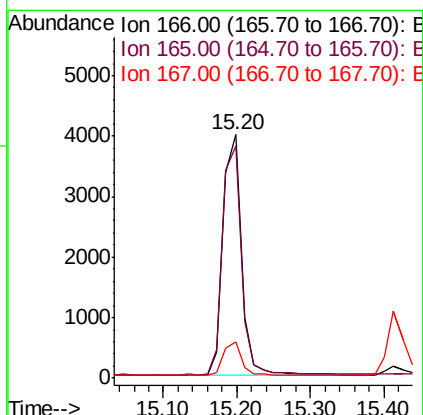
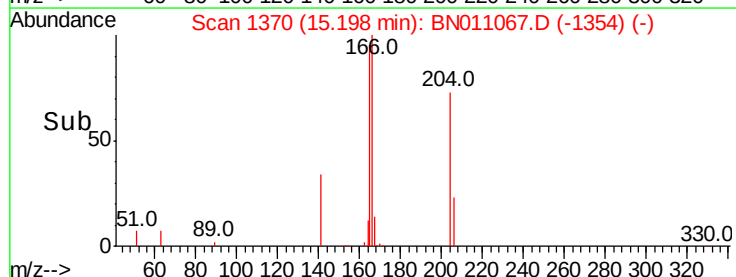
167 13.6 10.8 16.2

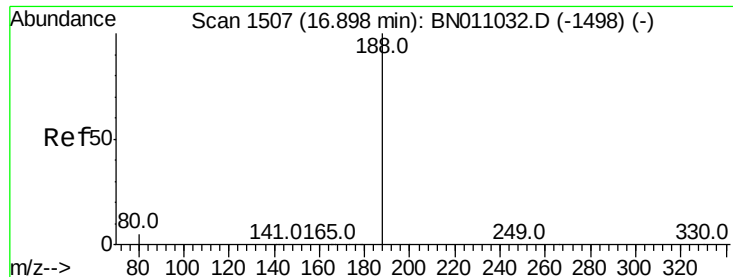


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.89 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

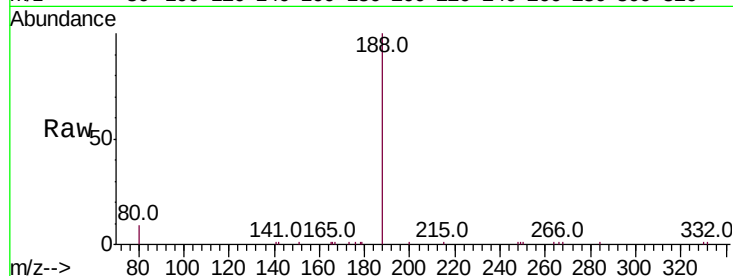
Tot Ion:188 Resp: 9686

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

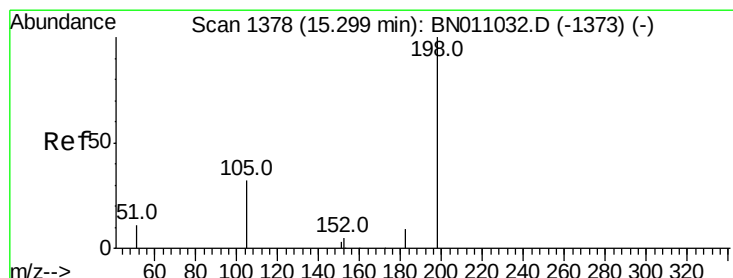
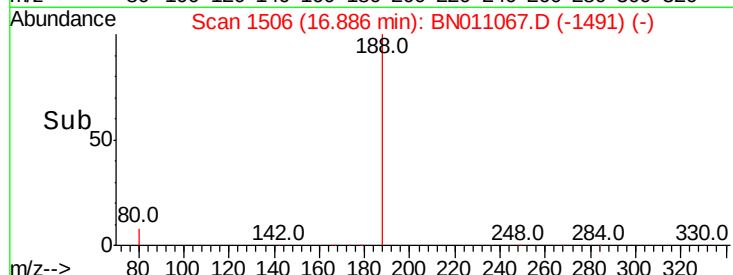
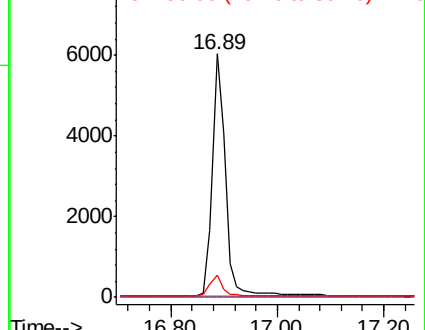
80 9.1 4.6 7.0#



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

4,6-Dinitro-2-methylphenol

Concen: 0.174 ng

RT: 15.30 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

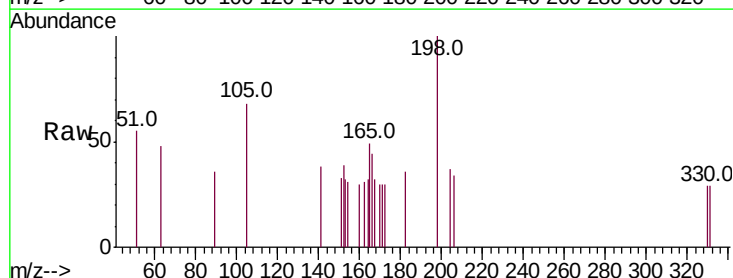
Tgt Ion:198 Resp: 282

Ion Ratio Lower Upper

198 100

51 55.4 29.5 44.3#

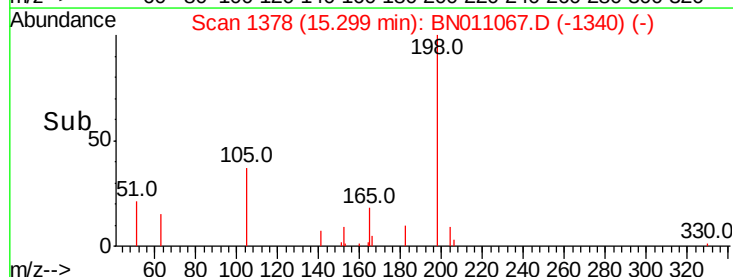
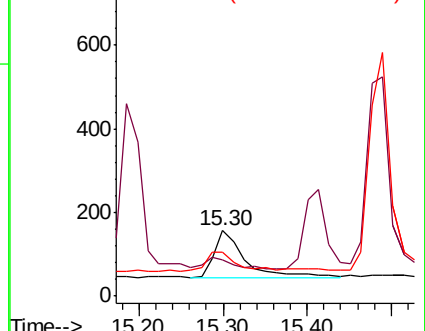
105 67.5 39.2 58.8#

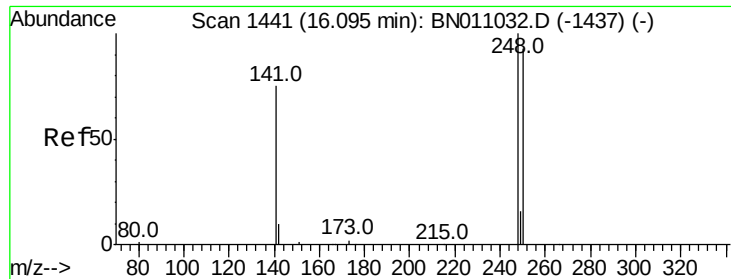


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.342 ng

RT: 16.10 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

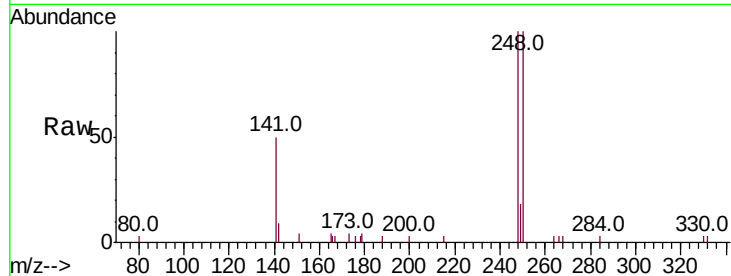
Tot Ion:248 Resp: 2289

Ion Ratio Lower Upper

248 100

250 100.4 74.6 111.8

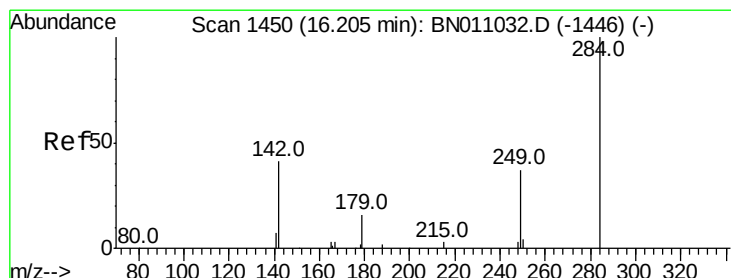
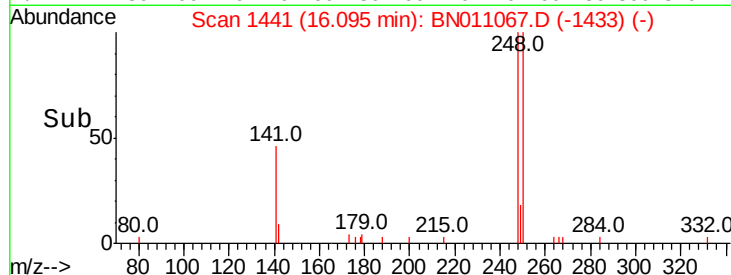
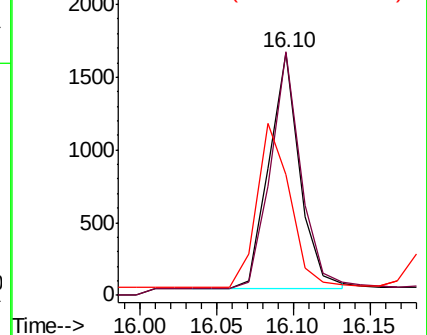
141 49.9 60.9 91.3#



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



#22

Hexachlorobenzene

Concen: 0.327 ng

RT: 16.20 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

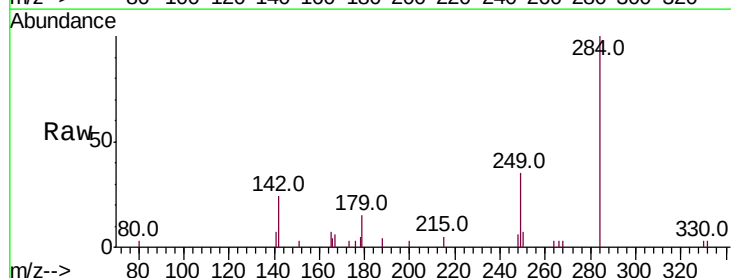
Tgt Ion:284 Resp: 2423

Ion Ratio Lower Upper

284 100

142 40.8 30.4 45.6

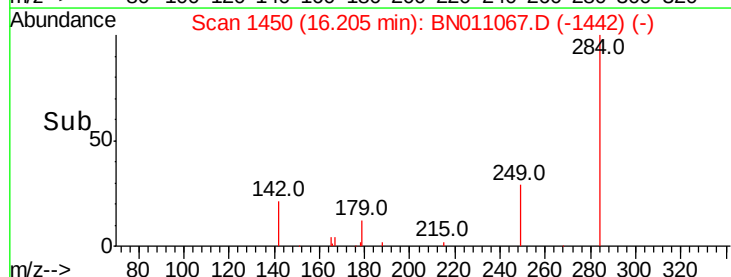
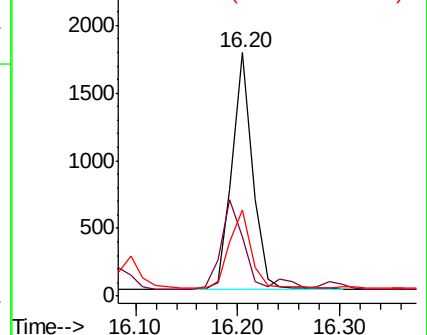
249 34.3 27.0 40.4

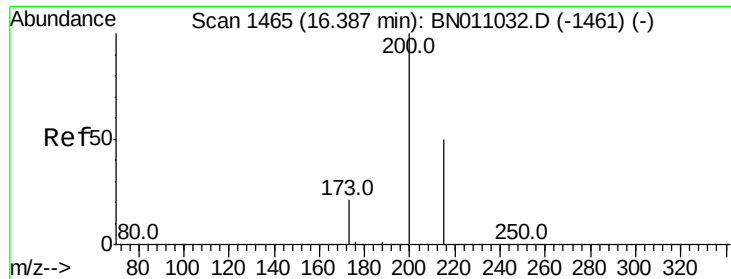


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.035 ng

RT: 16.03 min Scan# 1436

Delta R.T. -0.35 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

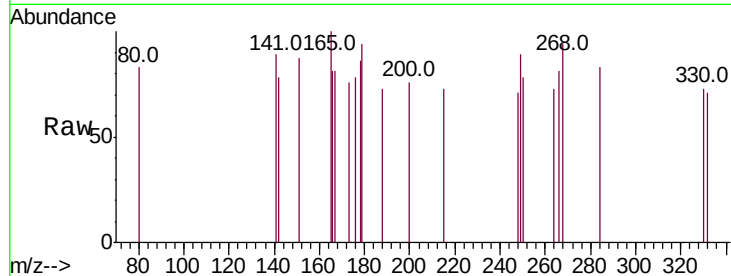
Tot Ion:200 Resp: 173

Ion Ratio Lower Upper

200 100

173 100.0 19.4 29.2#

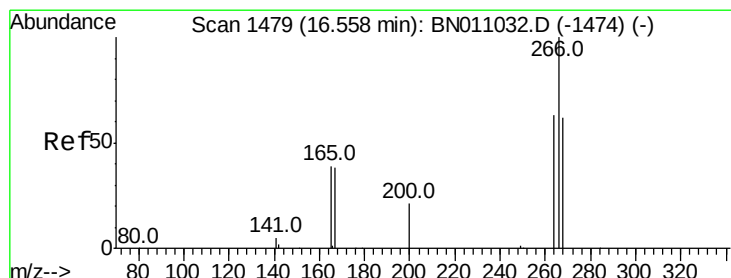
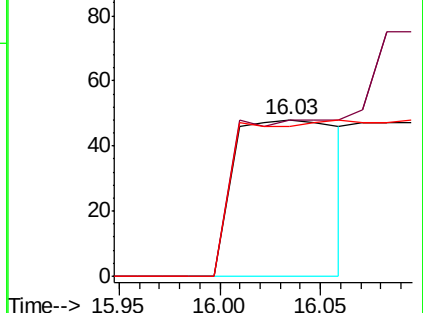
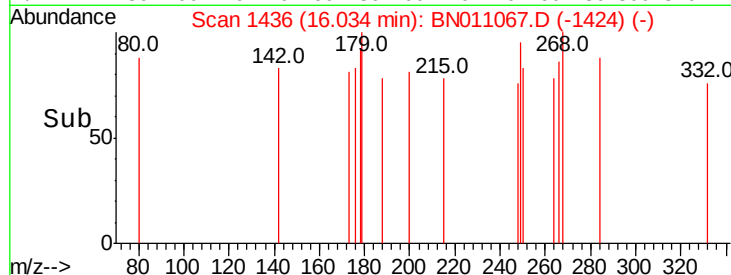
215 95.8 41.5 62.3#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.301 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

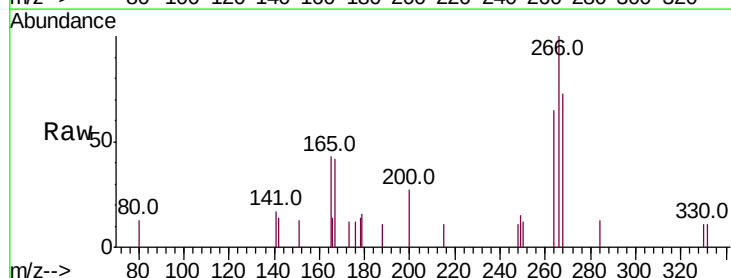
Tgt Ion:266 Resp: 706

Ion Ratio Lower Upper

266 100

264 62.3 51.4 77.0

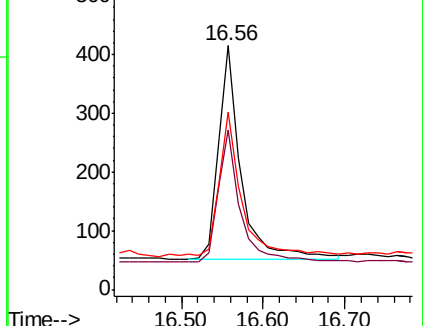
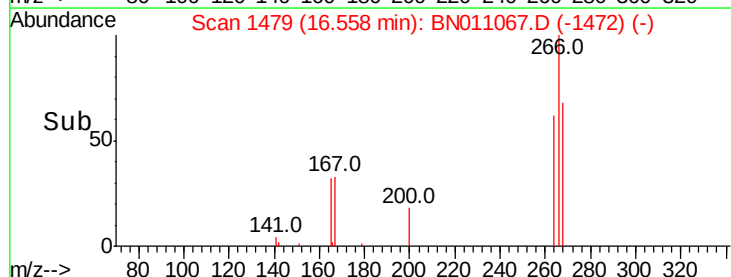
268 65.2 54.9 82.3

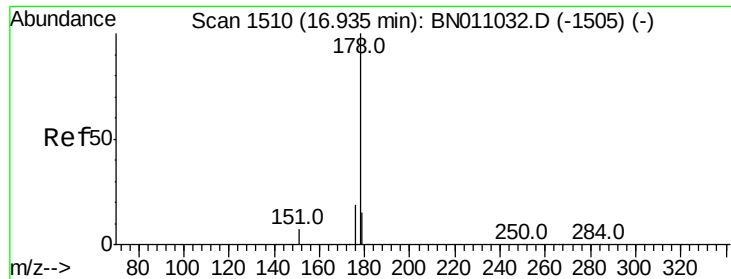


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.329 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

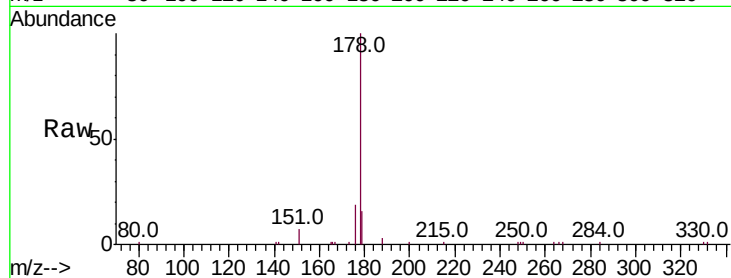
Tot Ion:178 Resp: 10741

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

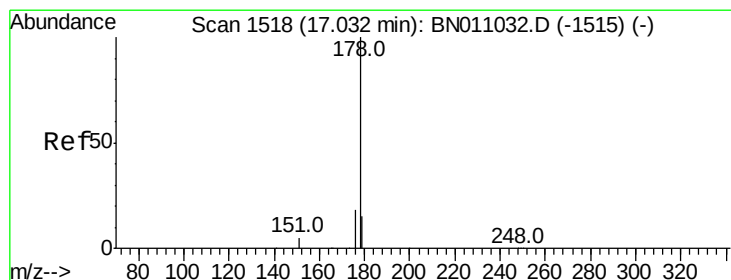
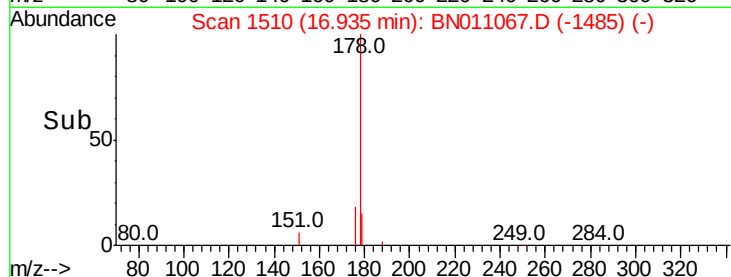
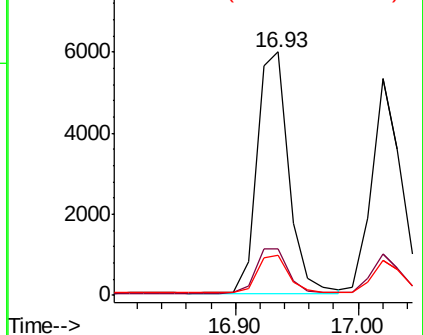
179 15.5 12.3 18.5



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



#26

Anthracene

Concen: 0.335 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

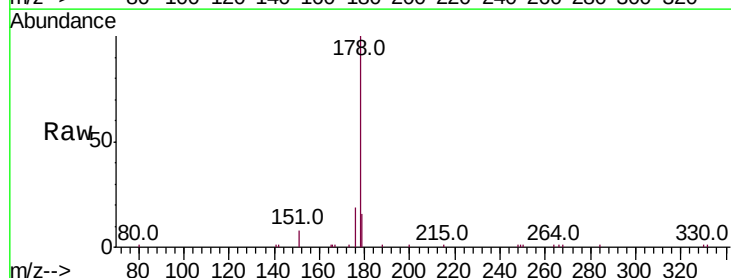
Tgt Ion:178 Resp: 9081

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

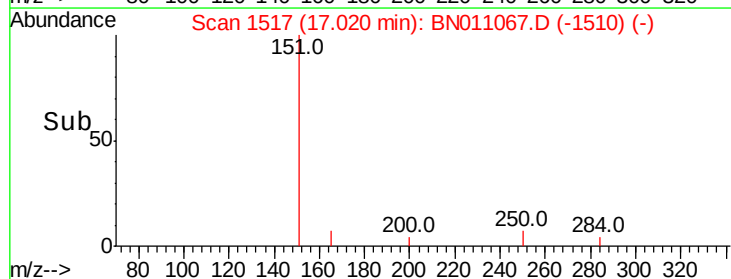
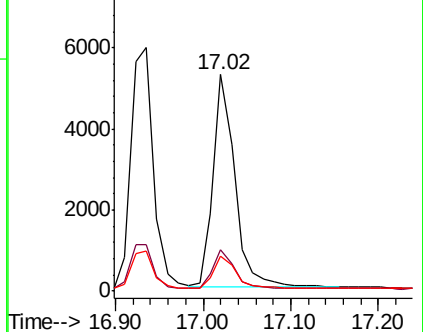
179 15.6 12.2 18.4

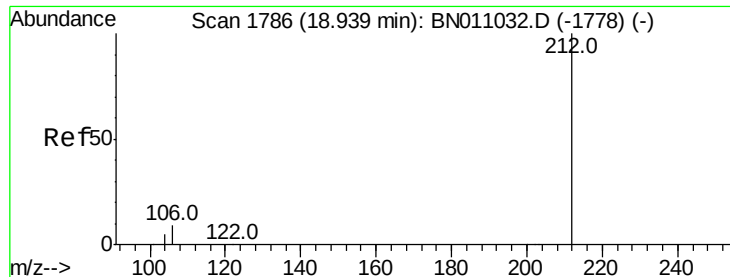


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.351 ng

RT: 18.93 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

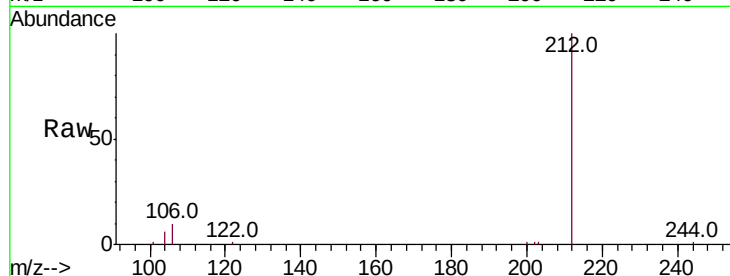
Tot Ion:212 Resp: 10761

Ion Ratio Lower Upper

212 100

106 9.3 7.7 11.5

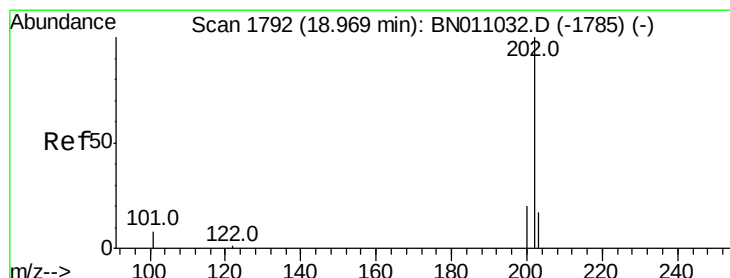
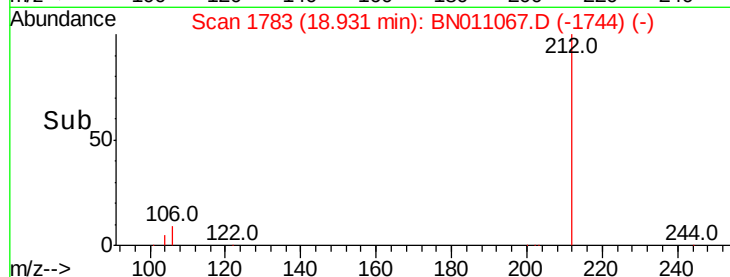
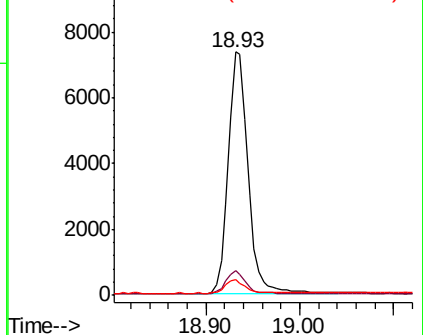
104 5.3 4.6 6.8



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



#28

Fluoranthene

Concen: 0.322 ng

RT: 18.97 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

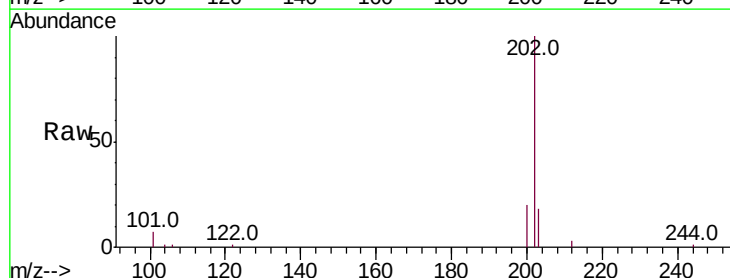
Tgt Ion:202 Resp: 12021

Ion Ratio Lower Upper

202 100

101 8.2 6.6 10.0

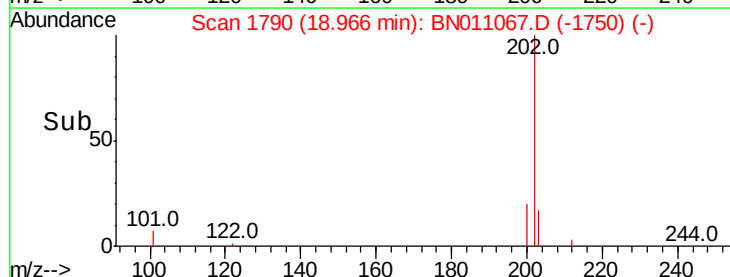
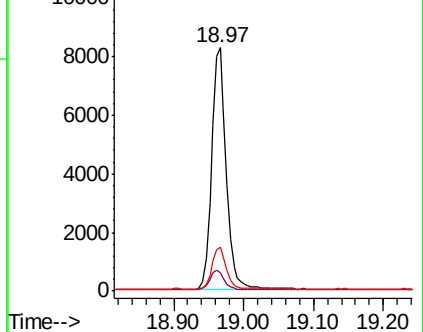
203 17.1 13.8 20.6

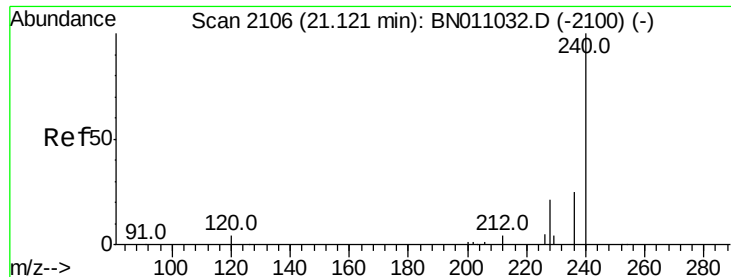


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

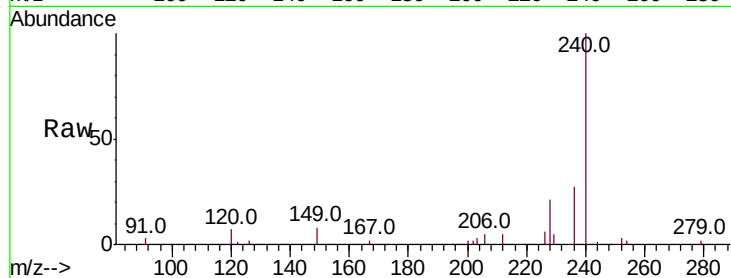




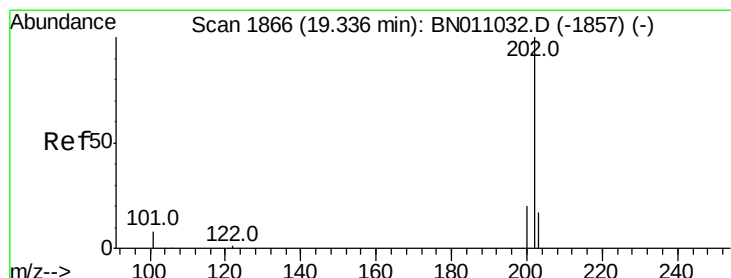
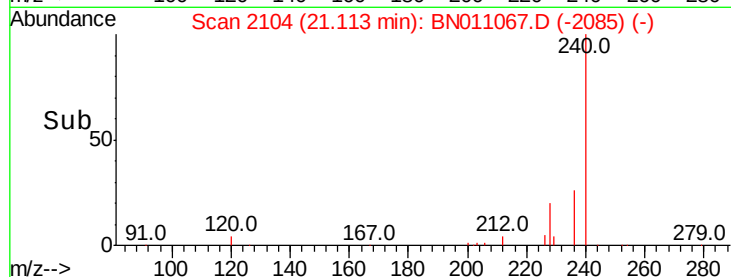
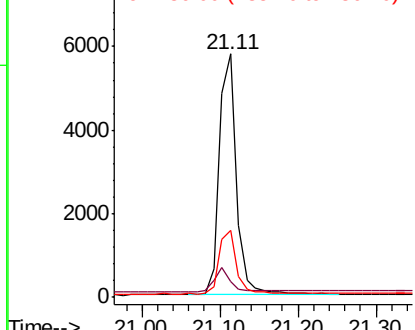
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BN011067.D
Acq: 29 Jun 2020 15:08

Instrument :
BNA_N
ClientSampleId :
PB129845BS

Tot Ion:240 Resp: 8830
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 27.5 21.4 32.2

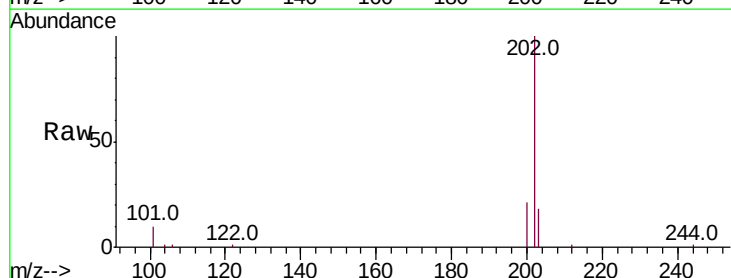


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

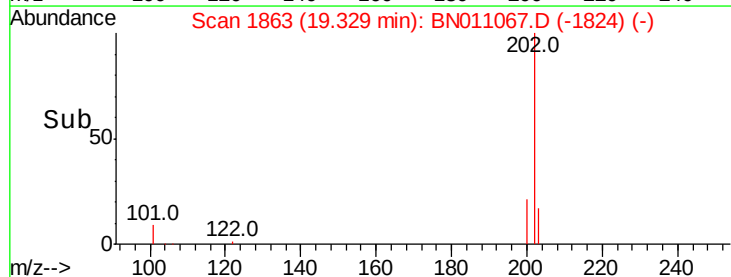
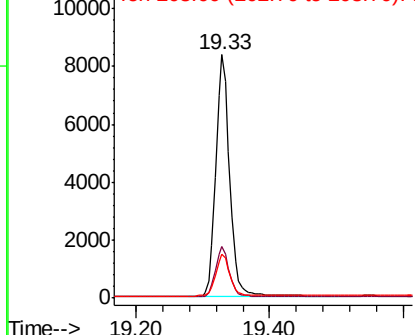


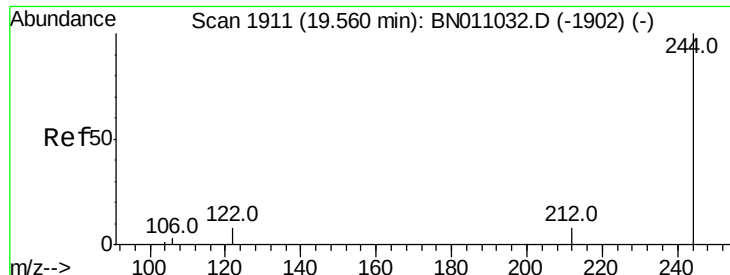
#30
Pyrene
Concen: 0.354 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011067.D
Acq: 29 Jun 2020 15:08

Tgt Ion:202 Resp: 12032
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.6 14.2 21.2



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





#31

Terphenyl-d14

Concen: 0.392 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

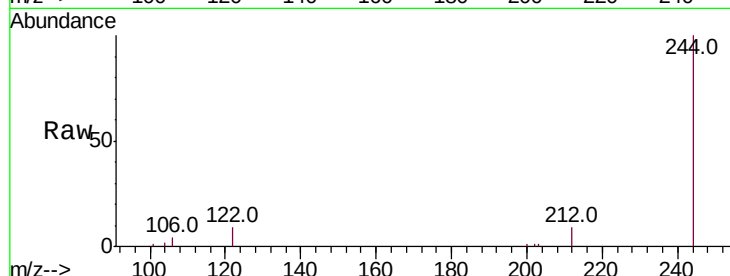
Tot Ion:244 Resp: 9300

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

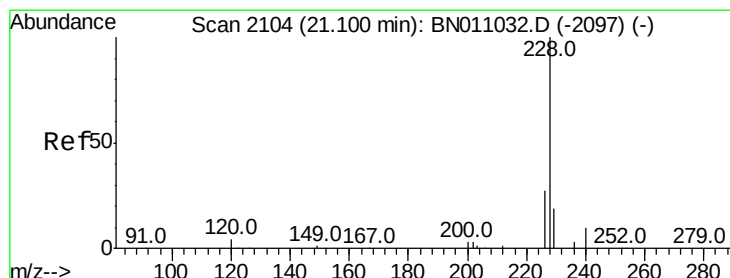
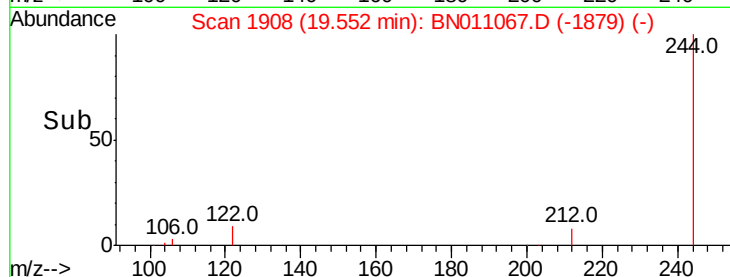
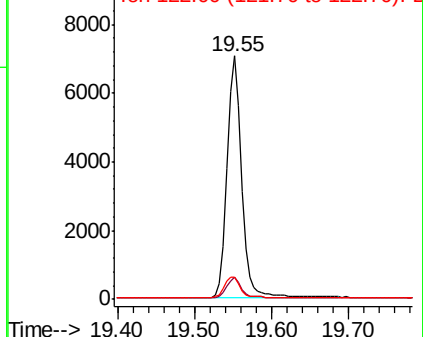
122 9.3 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.352 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

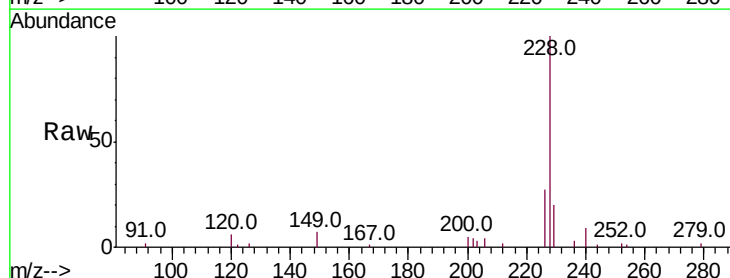
Tgt Ion:228 Resp: 10763

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

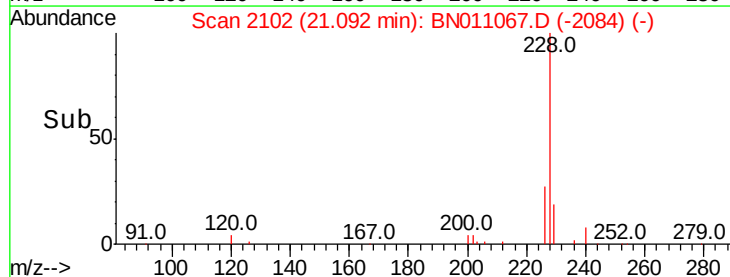
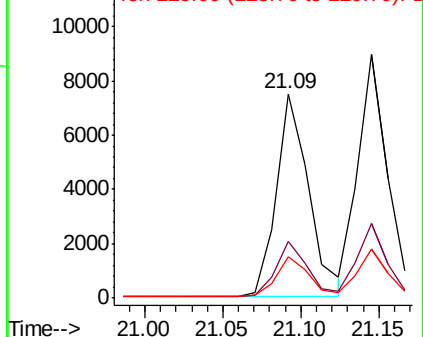
229 20.0 15.9 23.9

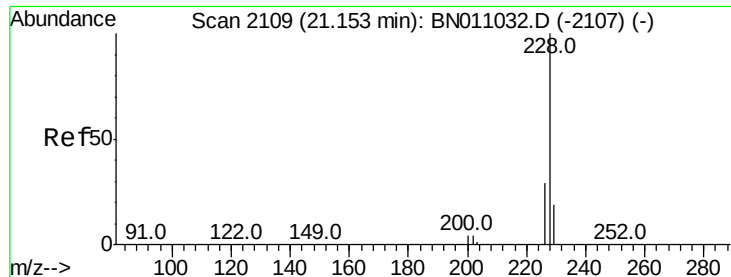


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.354 ng

RT: 21.14 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

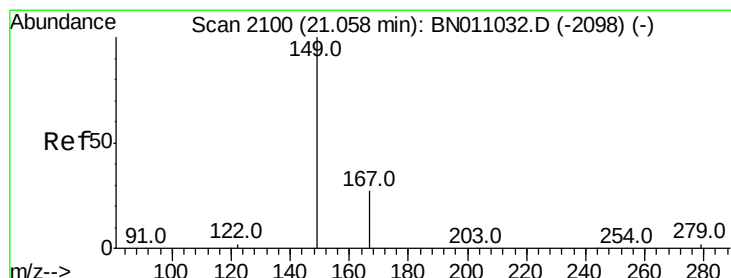
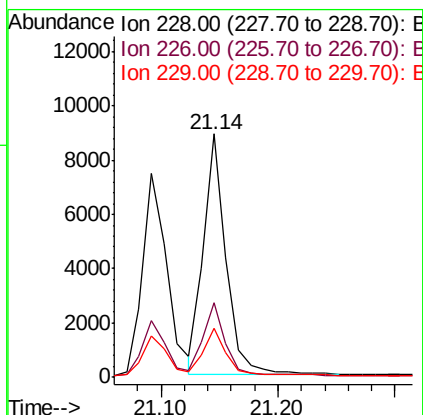
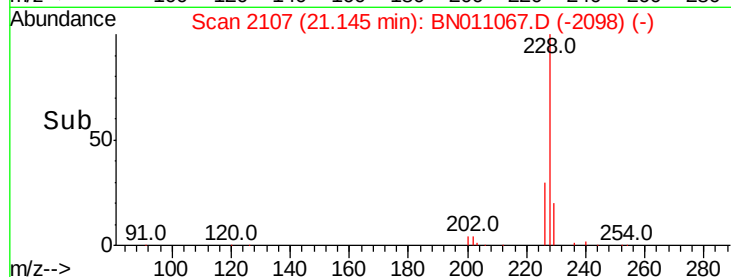
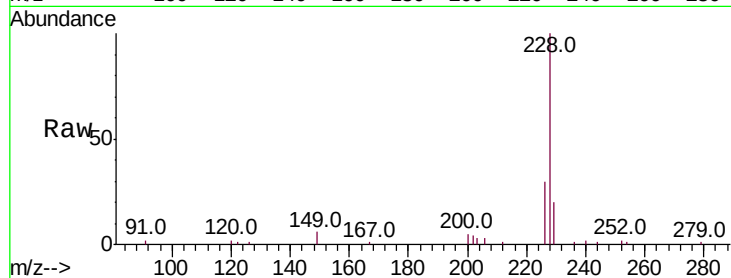
BNA_N

ClientSampleId :

PB129845BS

Tot Ion:228 Resp: 11796

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	20.1	15.8	23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.395 ng

RT: 21.05 min Scan# 2098

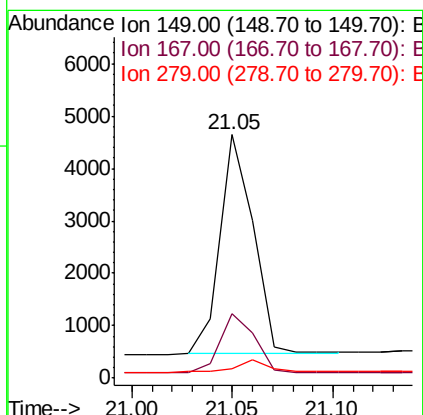
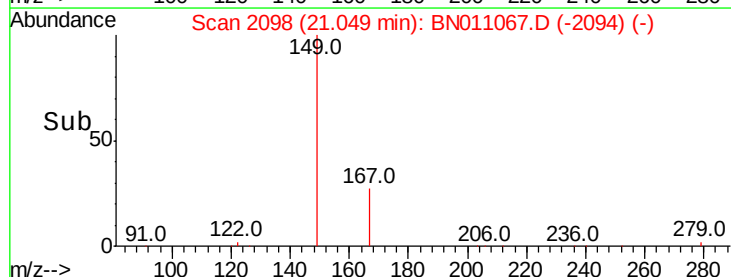
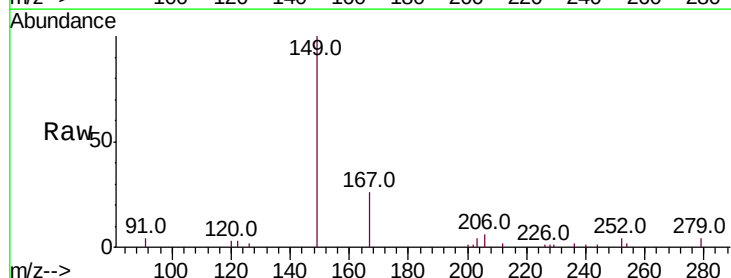
Delta R.T. -0.01 min

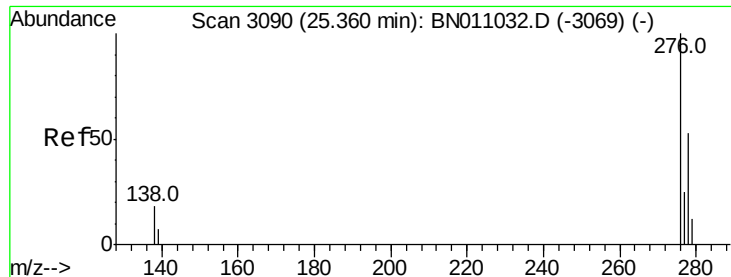
Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Tgt Ion:149 Resp: 4863

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	4.8	3.9	5.9





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.320 ng

RT: 25.35 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

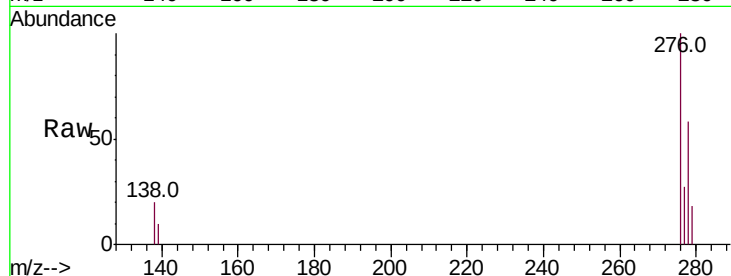
Tot Ion:276 Resp: 11854

Ion Ratio Lower Upper

276 100

138 19.7 16.2 24.2

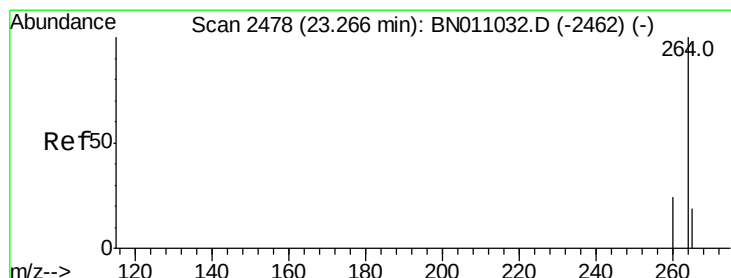
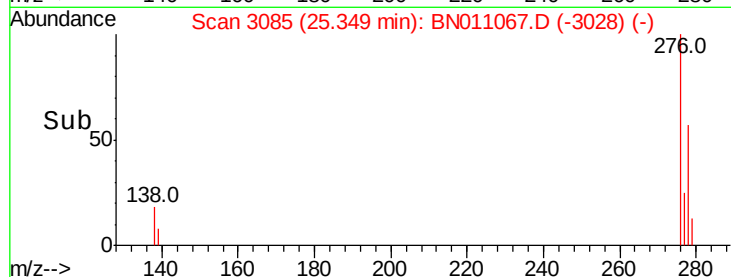
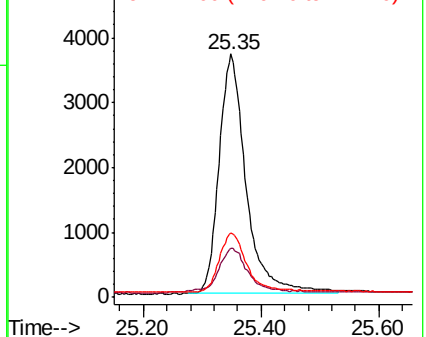
277 24.8 19.9 29.9



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

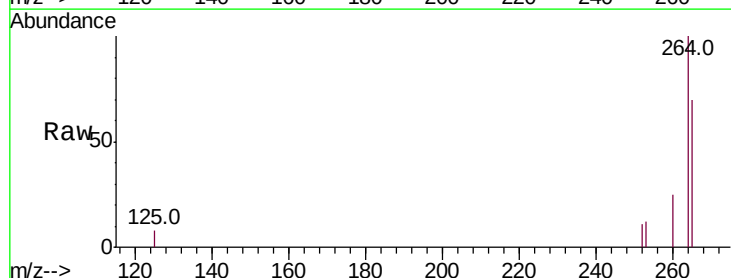
Tgt Ion:264 Resp: 9053

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

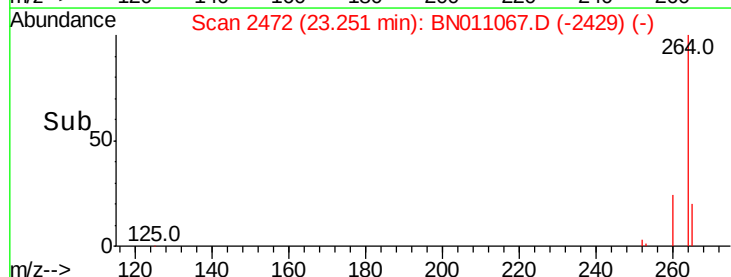
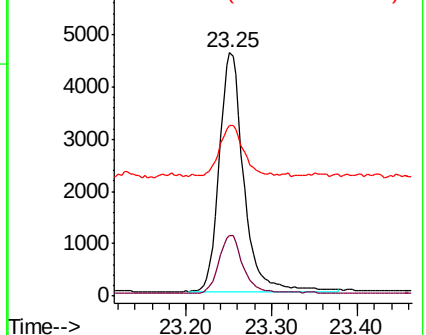
265 70.1 64.9 97.3

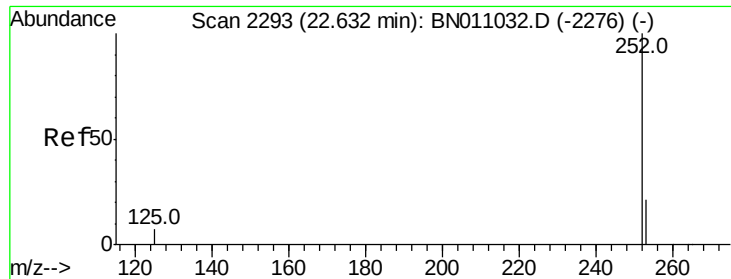


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.327 ng

RT: 22.62 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

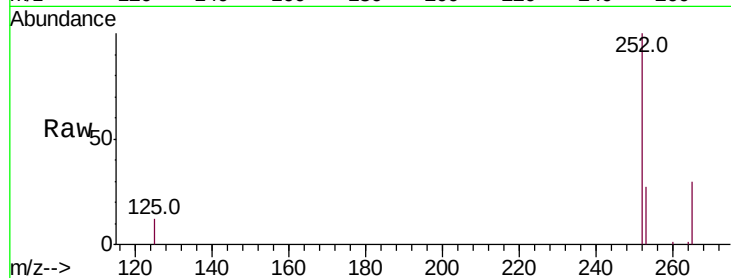
Tot Ion:252 Resp: 11695

Ion Ratio Lower Upper

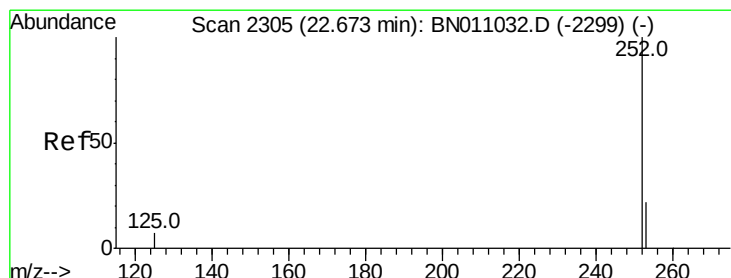
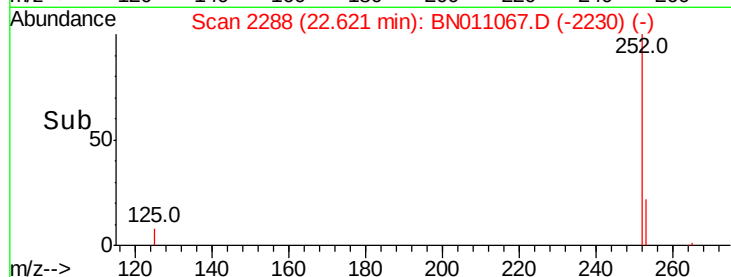
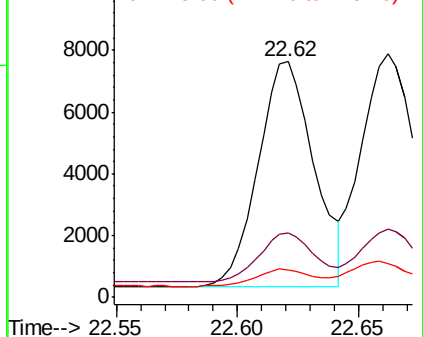
252 100

253 27.3 21.4 32.0

125 11.8 9.3 13.9



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

Benzo(k)fluoranthene

Concen: 0.342 ng

RT: 22.66 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

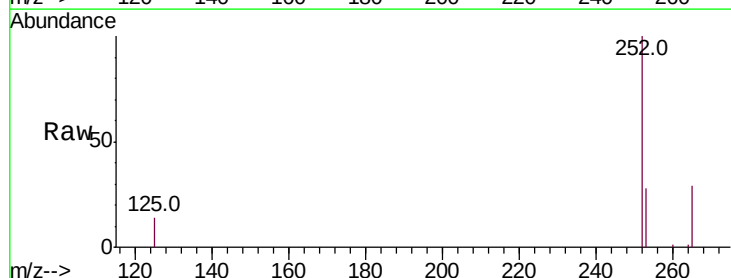
Tgt Ion:252 Resp: 12716

Ion Ratio Lower Upper

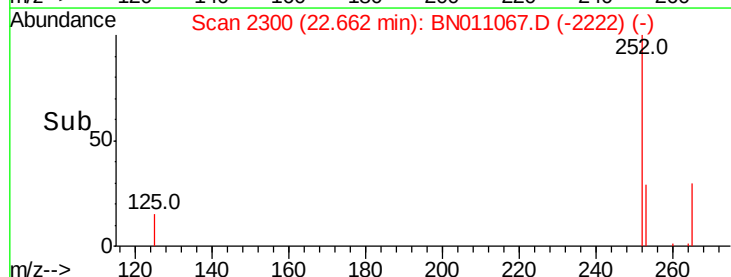
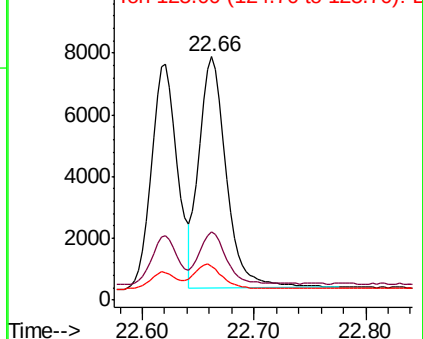
252 100

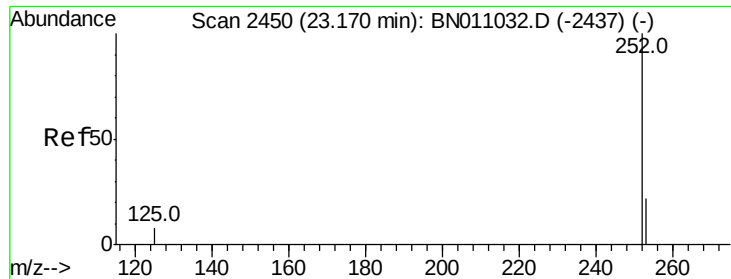
253 27.8 21.8 32.6

125 13.9 9.8 14.6



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





#39

Benzo(a)pyrene

Concen: 0.324 ng

RT: 23.16 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

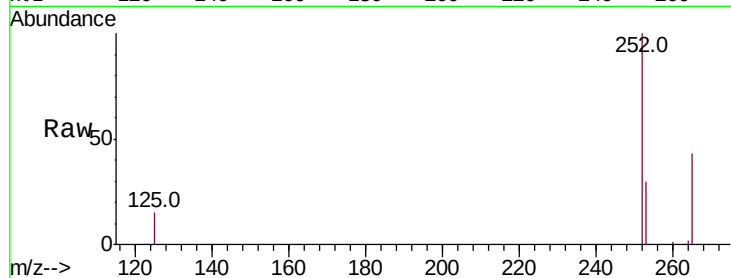
Tot Ion:252 Resp: 10291

Ion Ratio Lower Upper

252 100

253 30.1 23.1 34.7

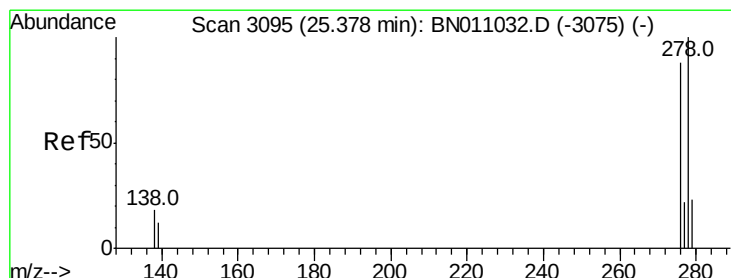
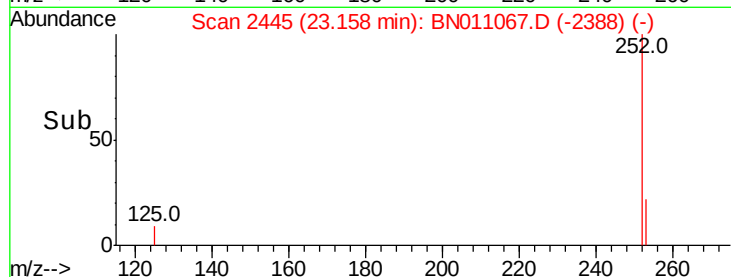
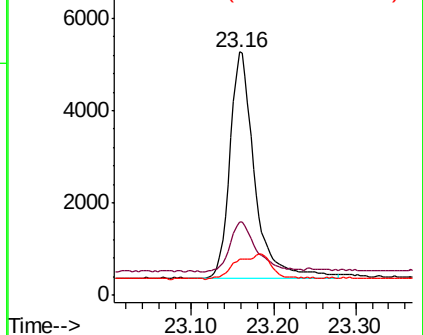
125 15.0 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.265 ng

RT: 25.36 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

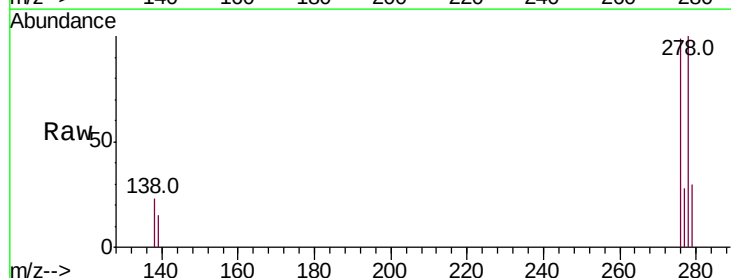
Tgt Ion:278 Resp: 9083

Ion Ratio Lower Upper

278 100

139 15.3 11.2 16.8

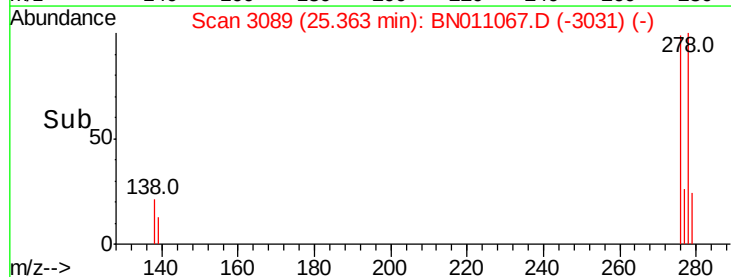
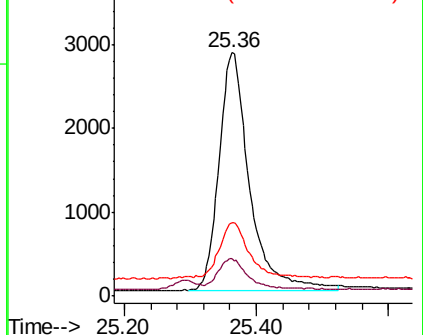
279 30.2 22.6 34.0

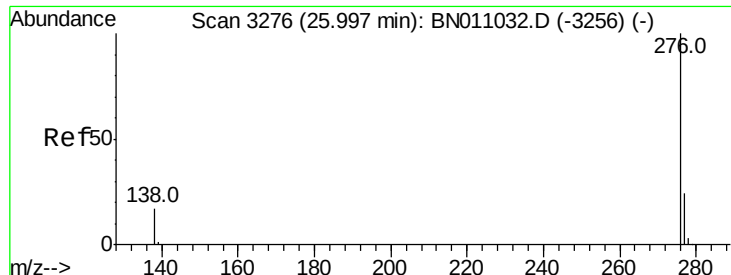


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.293 ng

RT: 25.98 min Scan# 3270

Delta R.T. -0.00 min

Lab File: BN011067.D

Acq: 29 Jun 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB129845BS

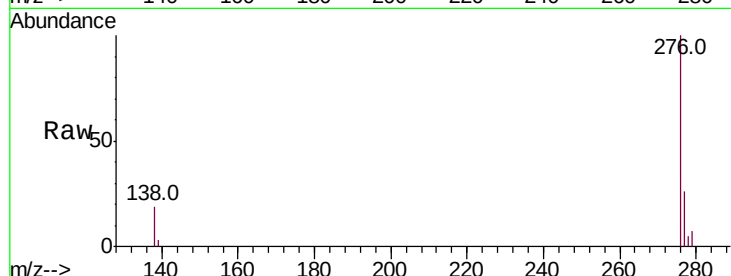
Tot Ion:276 Resp: 10416

Ion Ratio Lower Upper

276 100

277 25.9 20.4 30.6

138 18.9 15.1 22.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

