

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061720\
 Data File : BN010945.D
 Acq On : 17 Jun 2020 17:47
 Operator : CG/JU
 Sample : PB129592BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129592BSD

Quant Time: Jun 17 18:23:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2242	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8080	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4229	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8485	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8595	0.40	ng	0.00
34) Perylene-d12	23.27	264	7869	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1902	0.44	ng	0.00
5) Phenol-d6	6.74	99	2211	0.43	ng	0.00
8) Nitrobenzene-d5	8.68	82	2578	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5607	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	576	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7923	0.47	ng	0.00
25) Fluoranthene-d10	18.95	212	9163	0.39	ng	0.00
29) Terphenyl-d14	19.57	244	7279	0.36	ng	0.00

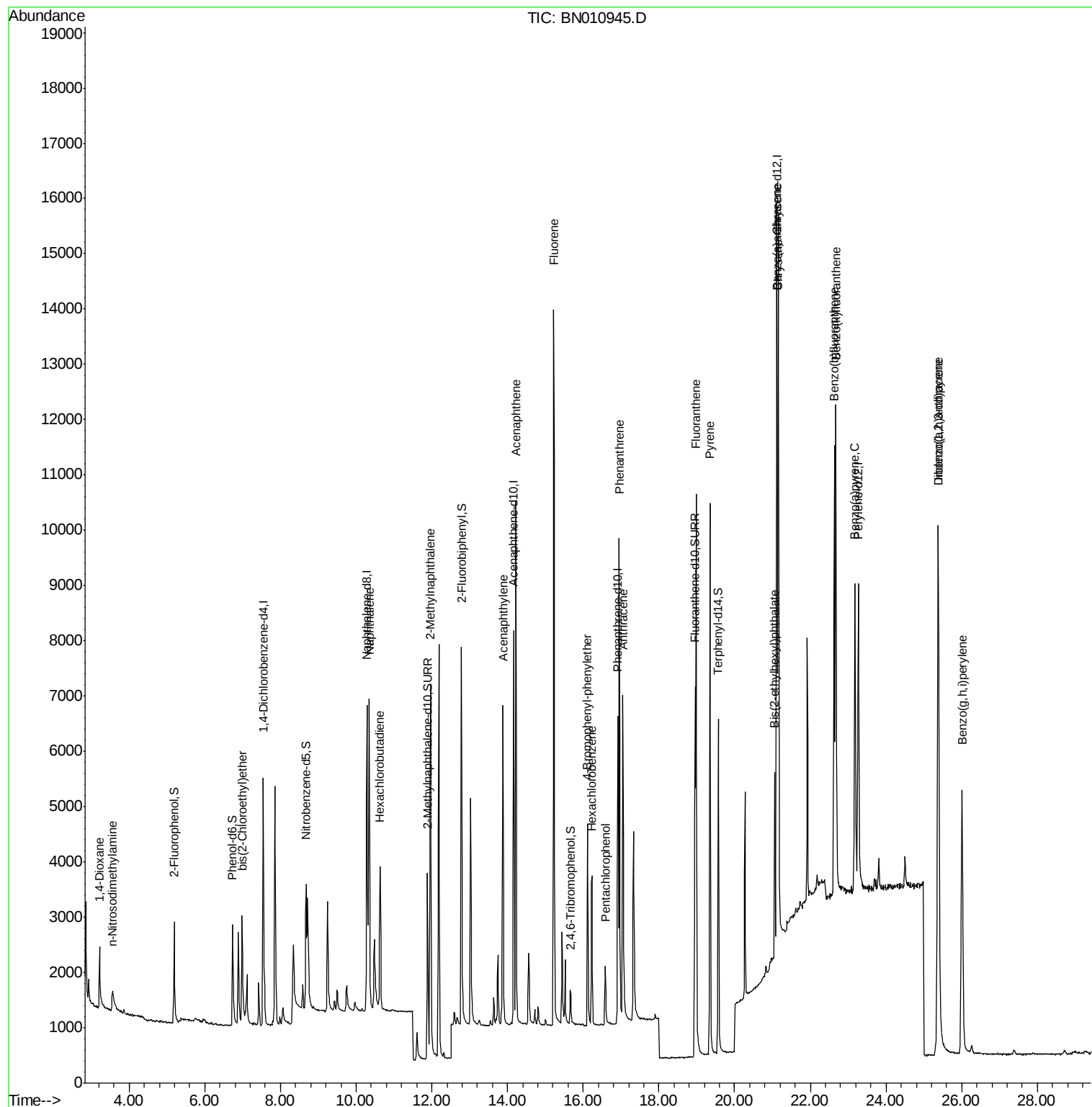
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1046	0.476	ng	100
3) n-Nitrosodimethylamine	3.56	42	567	0.444	ng	# 88
6) bis(2-Chloroethyl)ether	6.99	93	2076	0.418	ng	98
9) Naphthalene	10.34	128	8274	0.407	ng	99
10) Hexachlorobutadiene	10.63	225	2030	0.405	ng	# 99
12) 2-Methylnaphthalene	11.97	142	5911	0.435	ng	99
16) Acenaphthylene	13.88	152	7154	0.413	ng	100
17) Acenaphthene	14.22	154	4916	0.416	ng	99
18) Fluorene	15.22	166	6204	0.407	ng	99
20) 4-Bromophenyl-phenylether	16.11	248	2057	0.403	ng	# 81
21) Hexachlorobenzene	16.23	284	2247	0.422	ng	99
22) Pentachlorophenol	16.58	266	706	0.395	ng	99
23) Phenanthrene	16.95	178	9415	0.406	ng	99
24) Anthracene	17.05	178	7632	0.394	ng	99
26) Fluoranthene	18.98	202	10392	0.395	ng	99
28) Pyrene	19.35	202	10181	0.358	ng	99
30) Benzo(a)anthracene	21.11	228	10086	0.399	ng	100
31) Chrysene	21.15	228	12557	0.426	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	3360	0.399	ng	96
33) Indeno(1,2,3-cd)pyrene	25.37	276	12926	0.393	ng	# 97
35) Benzo(b)fluoranthene	22.63	252	10408	0.389	ng	99
36) Benzo(k)fluoranthene	22.67	252	11982	0.420	ng	99
37) Benzo(a)pyrene	23.18	252	9260	0.403	ng	97
38) Dibenzo(a,h)anthracene	25.39	278	10307	0.394	ng	98
39) Benzo(g,h,i)perylene	26.01	276	10641	0.389	ng	99

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 13:14:12 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

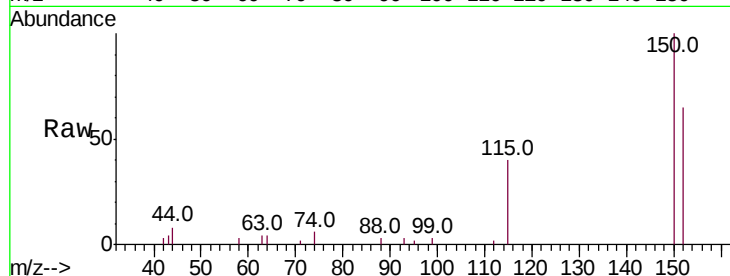
Tot Ion:152 Resp: 2242

Ion Ratio Lower Upper

152 100

150 153.4 123.8 185.6

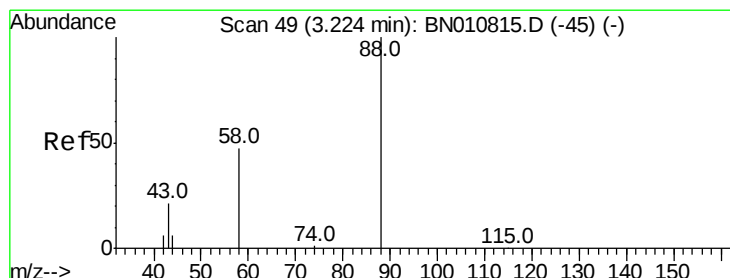
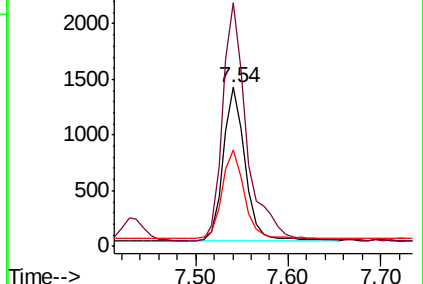
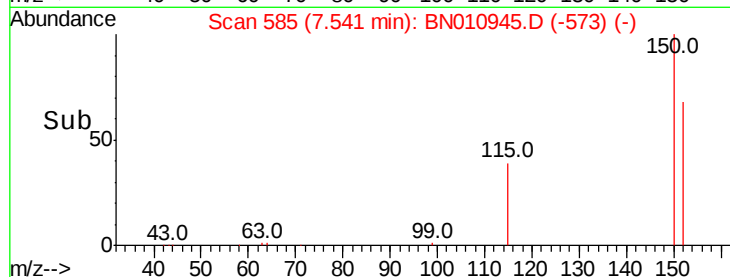
115 60.9 49.2 73.8



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: 0.476 ng

RT: 3.22 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

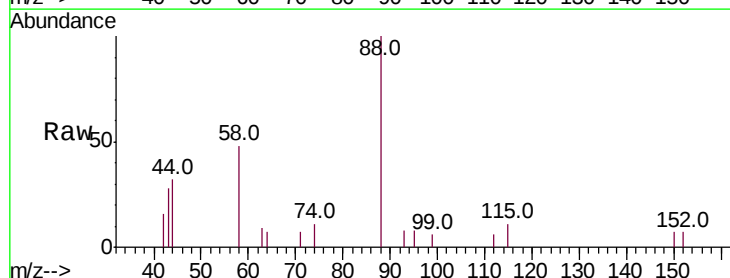
Tgt Ion: 88 Resp: 1046

Ion Ratio Lower Upper

88 100

58 47.8 38.2 57.4

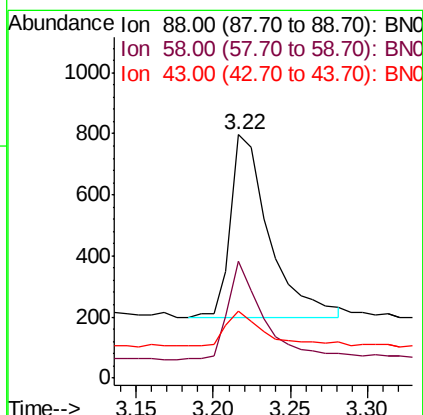
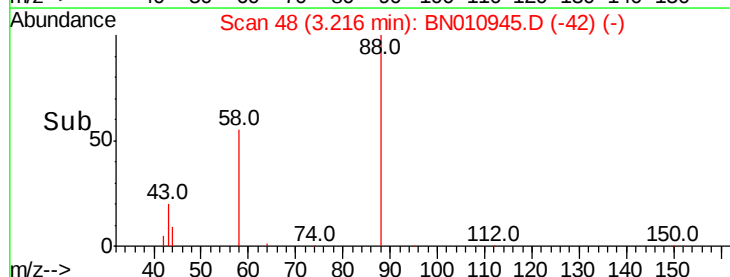
43 18.2 15.1 22.7



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



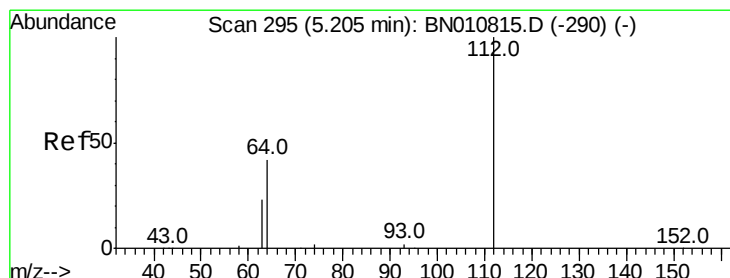
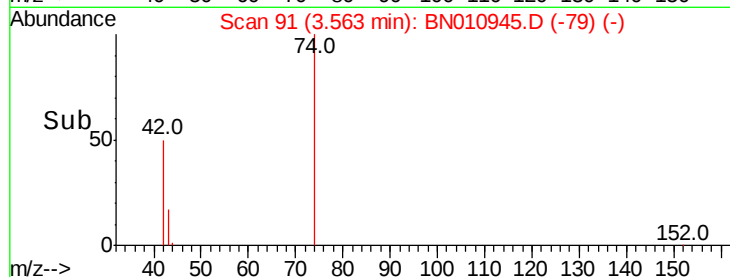
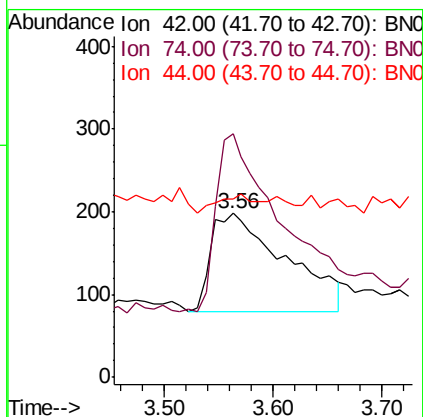
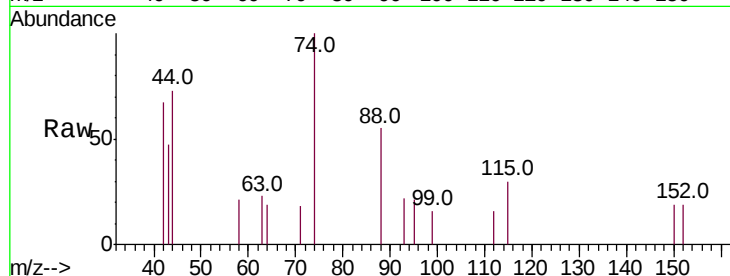


#3

n-Nitrosodimethylamine
 Concen: 0.444 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BN010945.D
 Acq: 17 Jun 2020 17:47

Instrument :
 BNA_N
 ClientSampleId :
 PB129592BSD

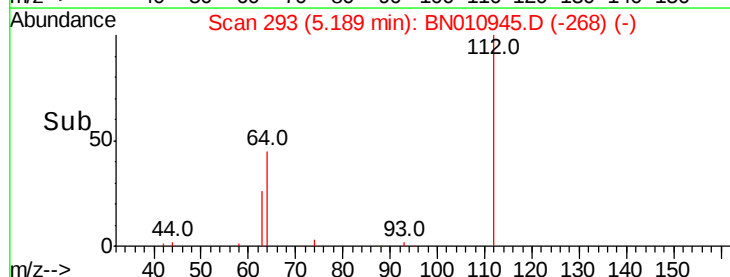
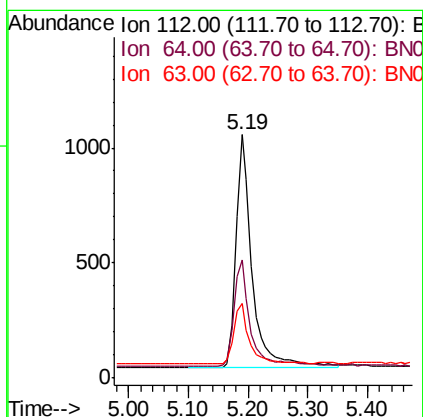
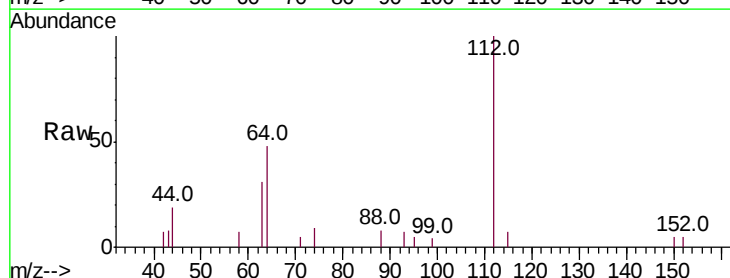
Tot Ion: 42 Resp: 567
 Ion Ratio Lower Upper
 42 100
 74 160.0 140.7 211.1
 44 10.1 1.4 2.2#

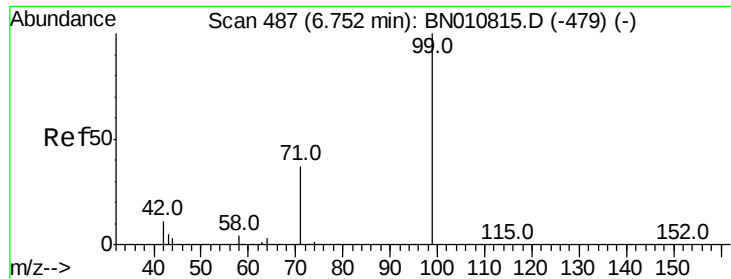


#4

2-Fluorophenol
 Concen: 0.439 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BN010945.D
 Acq: 17 Jun 2020 17:47

Tgt Ion: 112 Resp: 1902
 Ion Ratio Lower Upper
 112 100
 64 45.8 37.4 56.0
 63 25.2 22.2 33.4





#5

Phenol-d6

Concen: 0.434 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

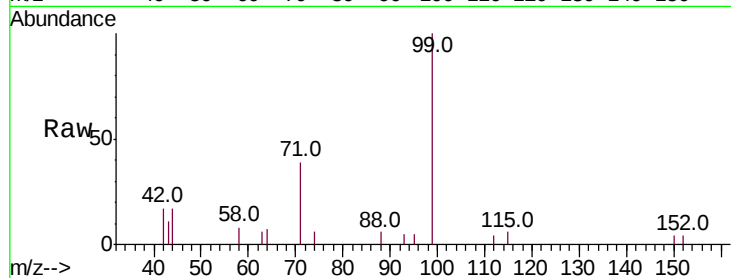
Tot Ion: 99 Resp: 2211

Ion Ratio Lower Upper

99 100

42 13.8 11.1 16.7

71 38.6 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

6.74

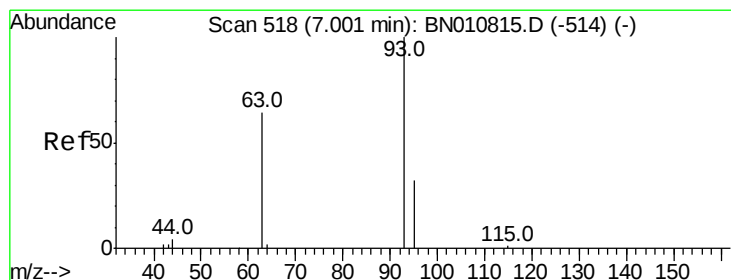
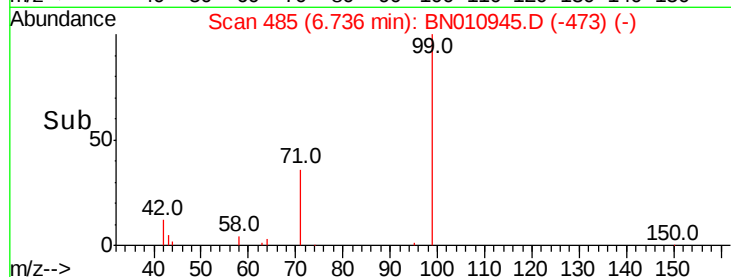
1000

500

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.418 ng

RT: 6.99 min Scan# 516

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

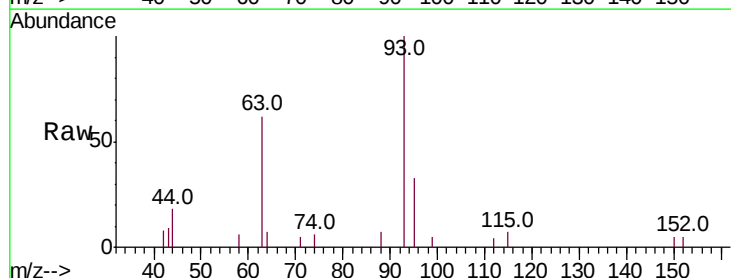
Tgt Ion: 93 Resp: 2076

Ion Ratio Lower Upper

93 100

63 61.2 49.4 74.2

95 36.3 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

6.99

2000

1500

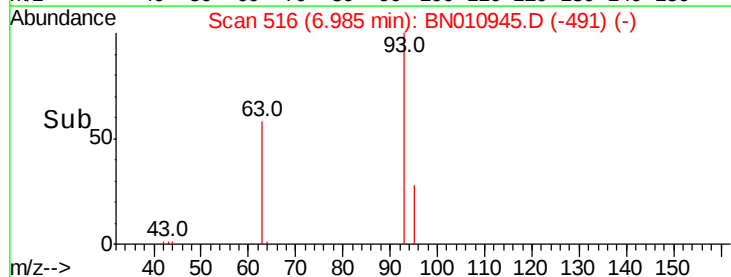
1000

500

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

Tot Ion:136 Resp: 8080

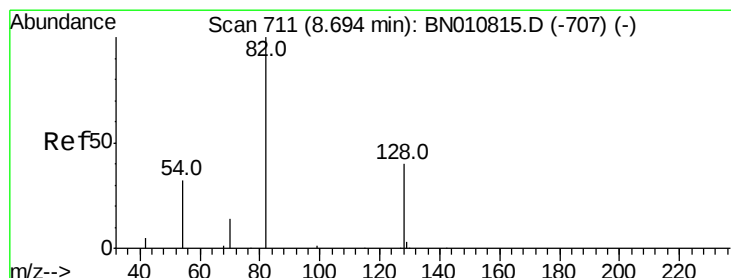
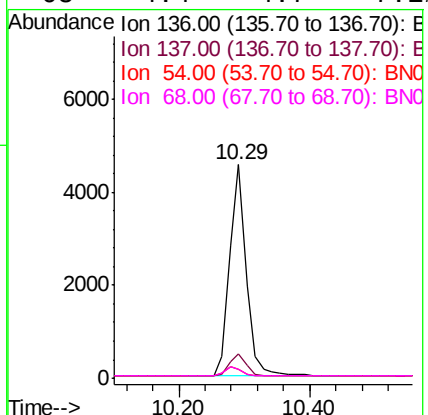
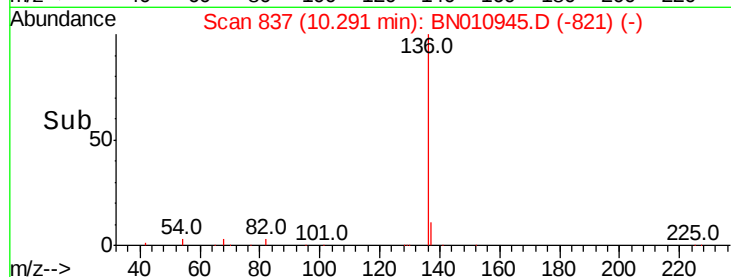
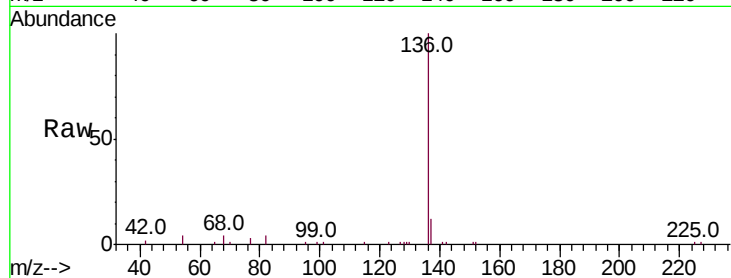
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 3.9 4.9 7.3#

68 4.4 4.7 7.1#



#8

Nitrobenzene-d5

Concen: 0.431 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

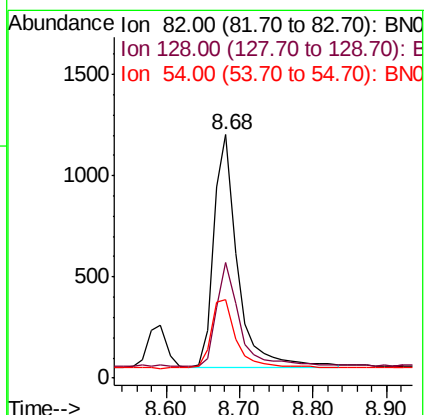
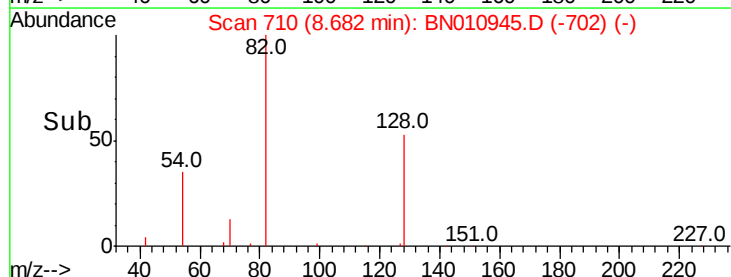
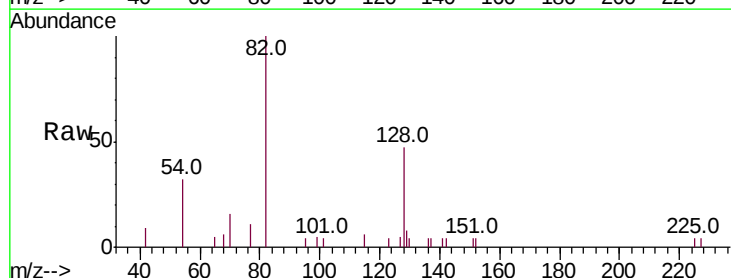
Tgt Ion: 82 Resp: 2578

Ion Ratio Lower Upper

82 100

128 47.4 35.4 53.0

54 32.1 28.2 42.4





#9

Naphthalene

Concen: 0.407 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

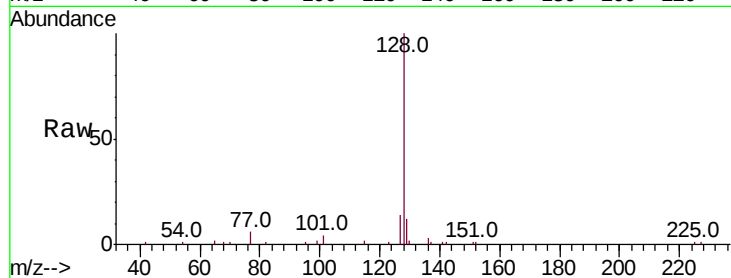
Tot Ion:128 Resp: 8274

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

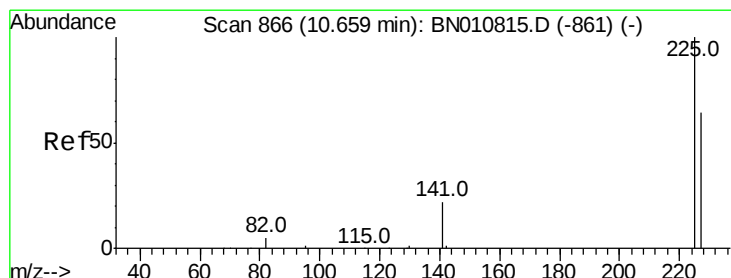
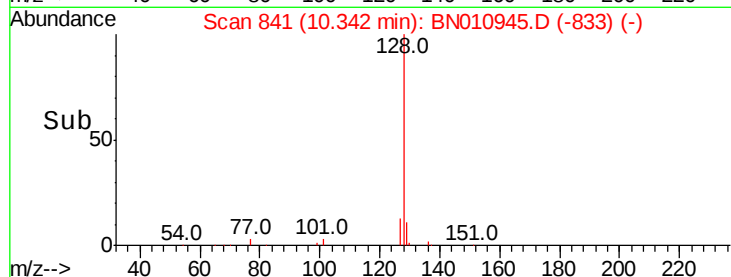
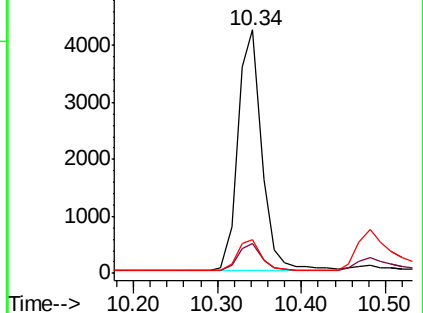
127 13.9 11.4 17.2



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: 0.405 ng

RT: 10.63 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

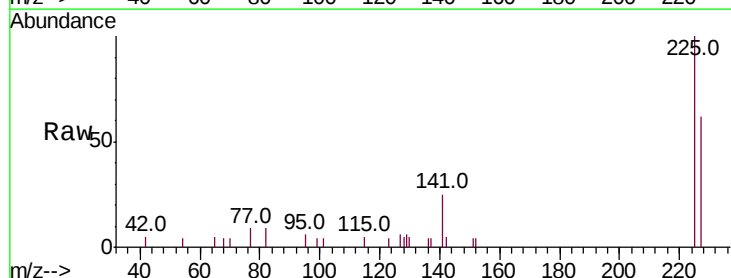
Tgt Ion:225 Resp: 2030

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

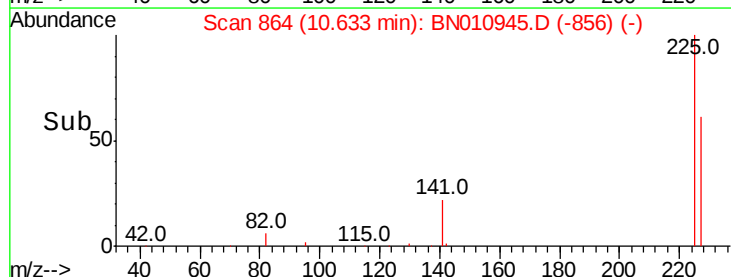
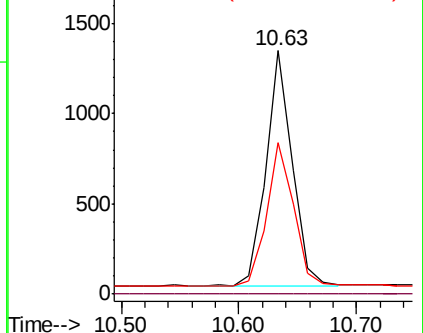
227 62.4 50.5 75.7

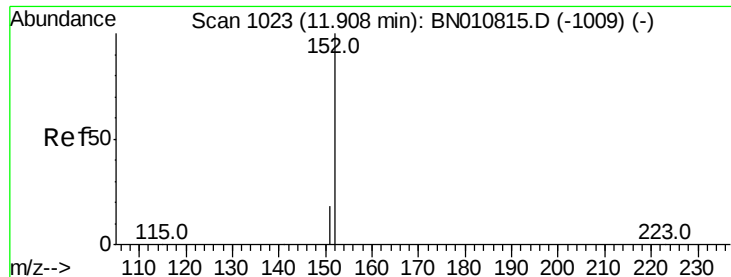


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

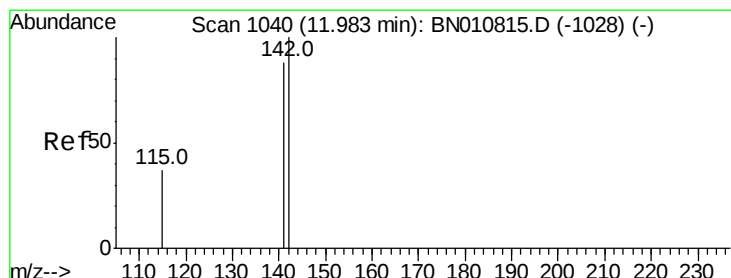
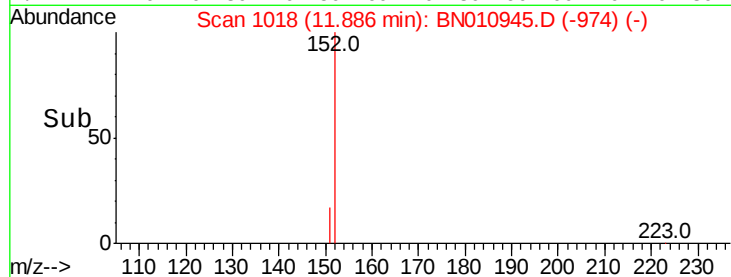
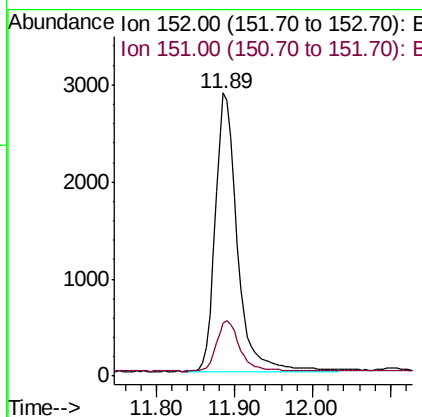
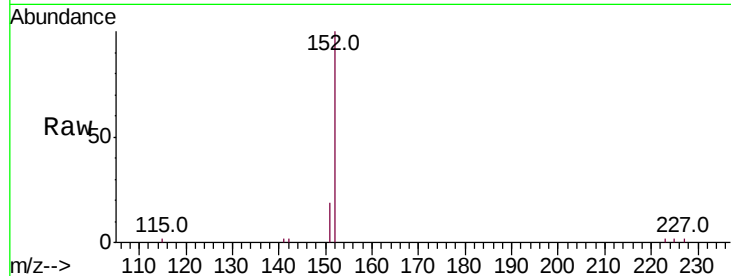




#11
 2-Methylnaphthalene-d10
 Concen: 0.447 ng
 RT: 11.89 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BN010945.D
 Acq: 17 Jun 2020 17:47

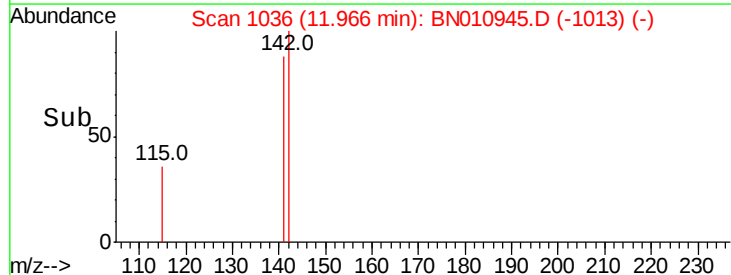
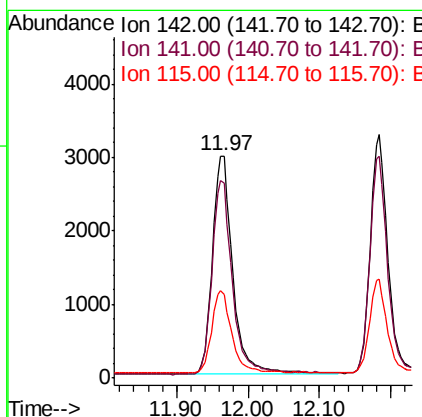
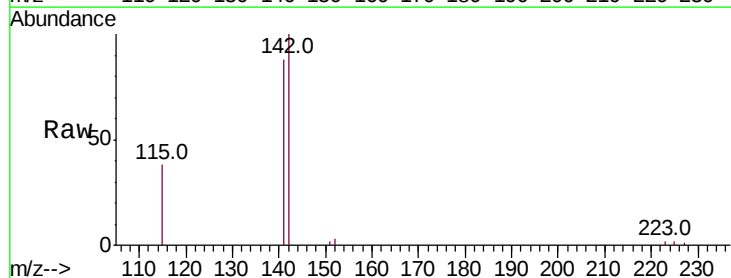
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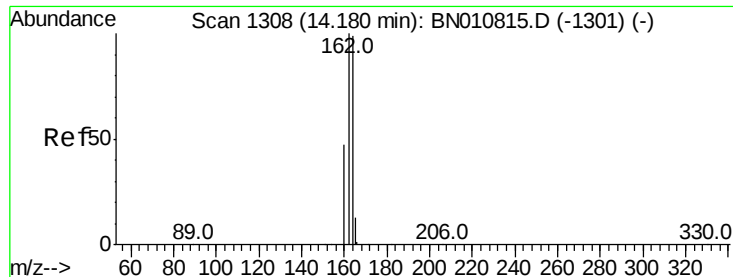
Tot Ion:152 Resp: 5607
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.435 ng
 RT: 11.97 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BN010945.D
 Acq: 17 Jun 2020 17:47

Tgt Ion:142 Resp: 5911
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.8 106.2
 115 37.8 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

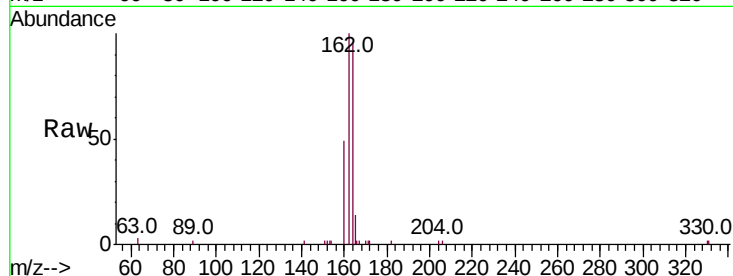
Tot Ion:164 Resp: 4229

Ion Ratio Lower Upper

164 100

162 103.8 81.0 121.6

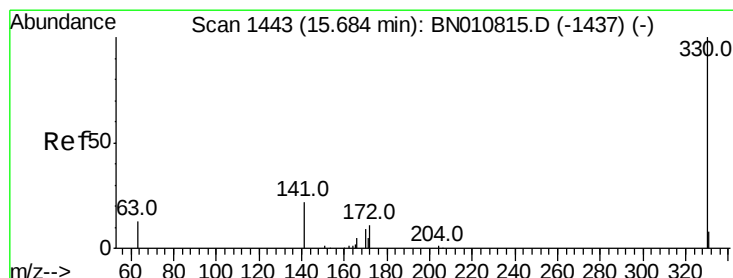
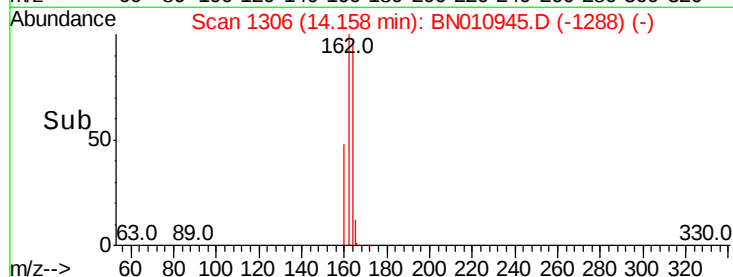
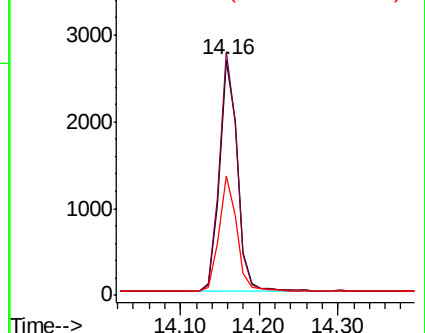
160 51.1 38.9 58.3



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: 0.381 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

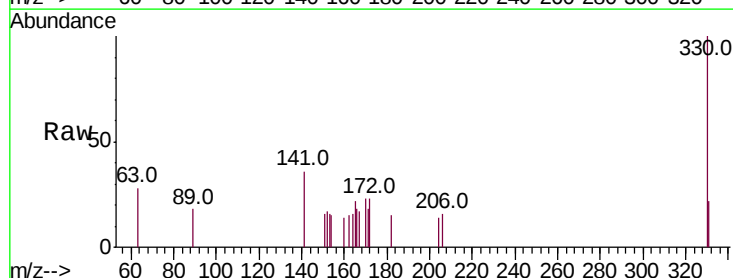
Tgt Ion:330 Resp: 576

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

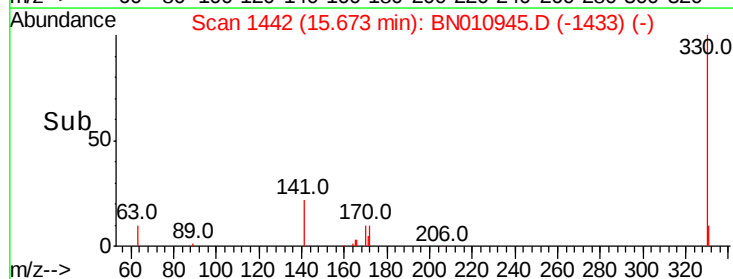
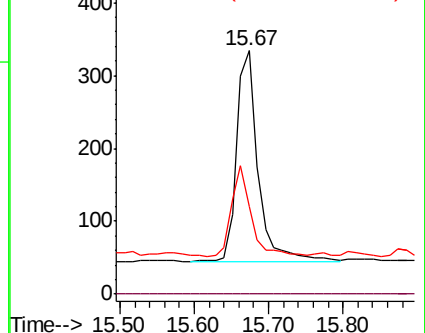
141 39.4 33.2 49.8



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

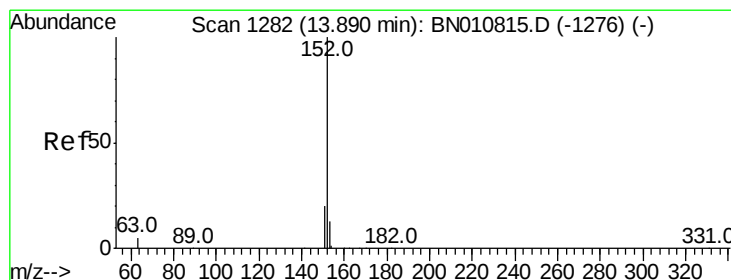
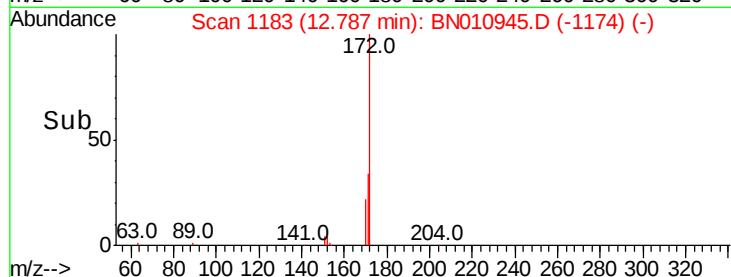
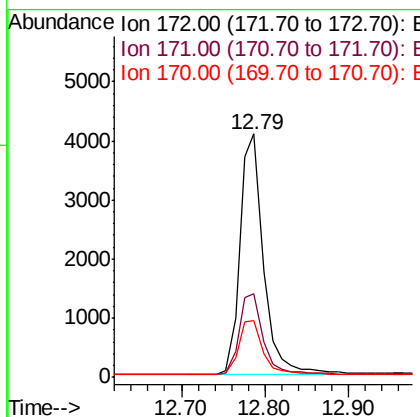
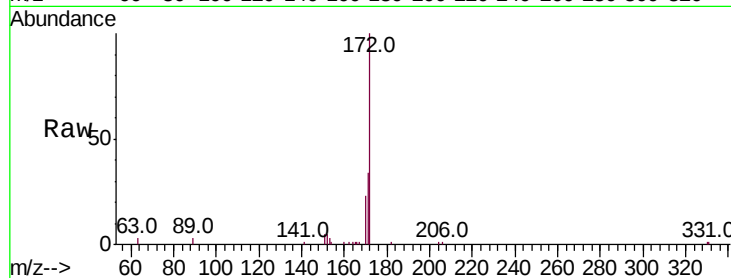




#15
2-Fluorobiphenyl
Concen: 0.475 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010945.D
Acq: 17 Jun 2020 17:47

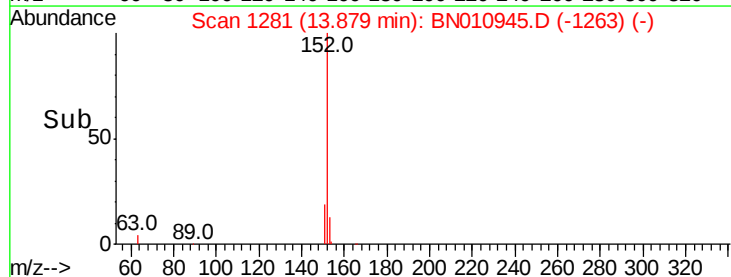
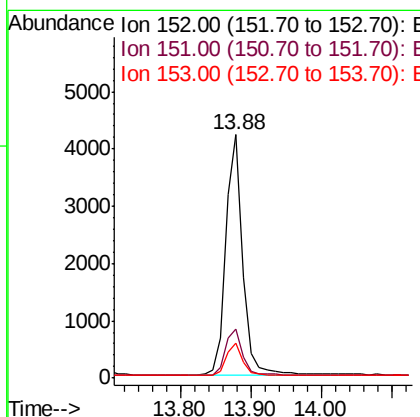
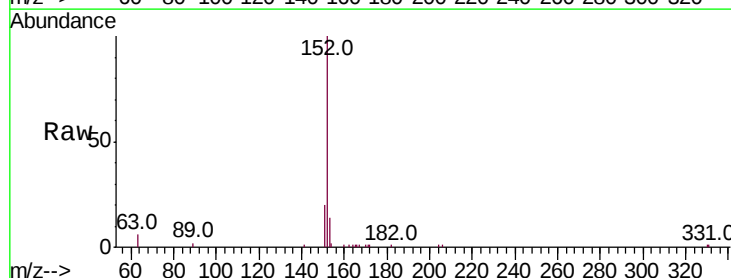
Instrument :
BNA_N
ClientSampleId :
PB129592BSD

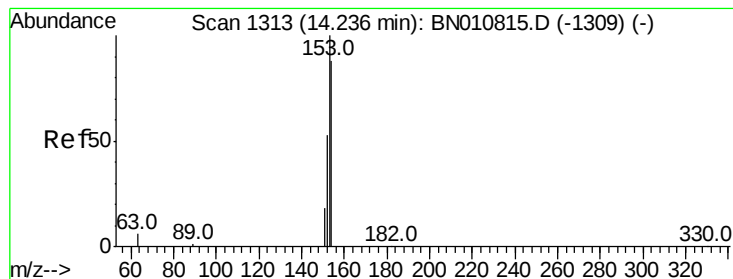
Tot Ion:172 Resp: 7923
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.1 19.7 29.5



#16
Acenaphthylene
Concen: 0.413 ng
RT: 13.88 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010945.D
Acq: 17 Jun 2020 17:47

Tgt Ion:152 Resp: 7154
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.416 ng

RT: 14.22 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

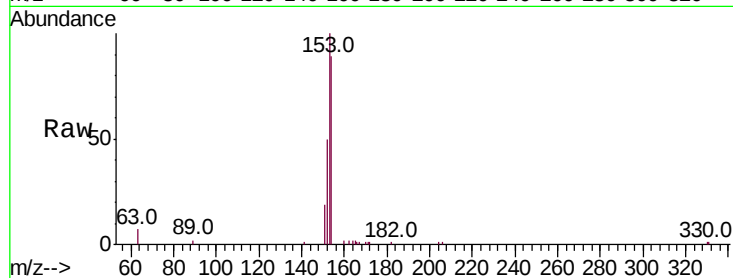
Tot Ion:154 Resp: 4916

Ion Ratio Lower Upper

154 100

153 115.6 91.8 137.6

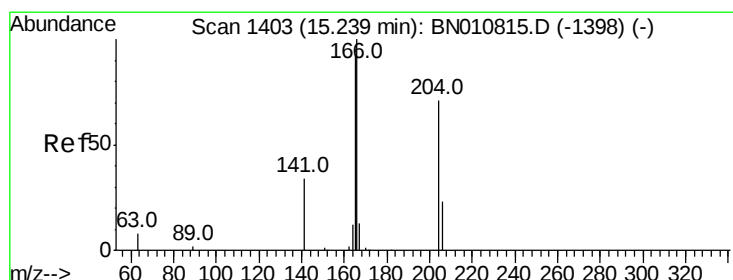
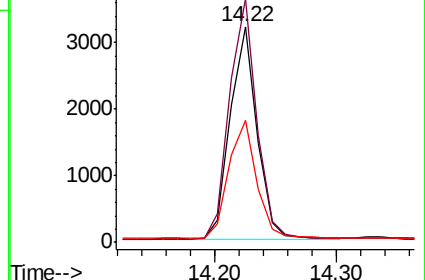
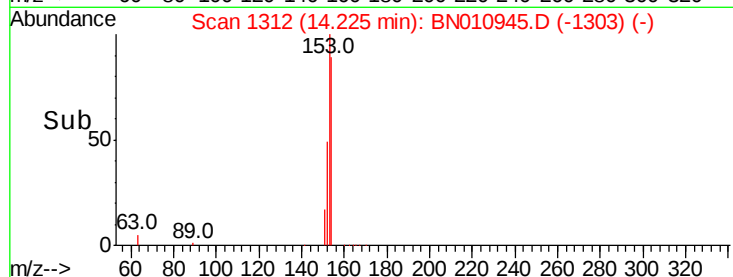
152 58.3 47.6 71.4



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: 0.407 ng

RT: 15.22 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

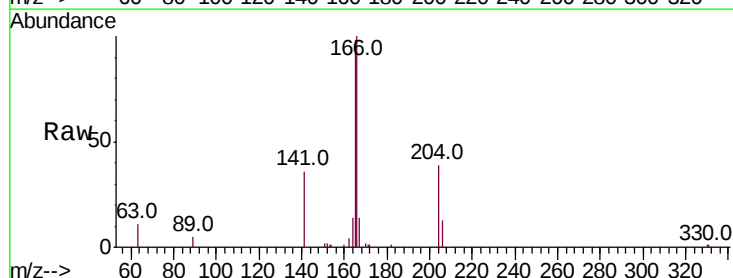
Tgt Ion:166 Resp: 6204

Ion Ratio Lower Upper

166 100

165 97.1 77.2 115.8

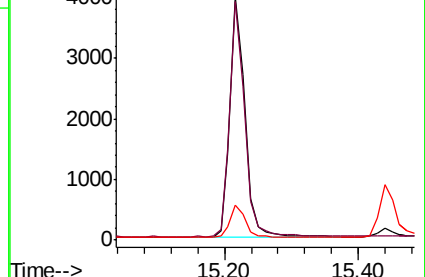
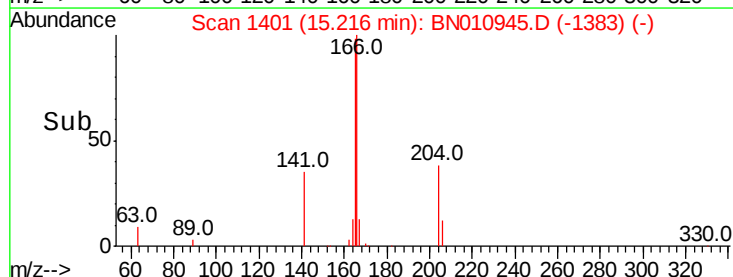
167 13.5 10.7 16.1

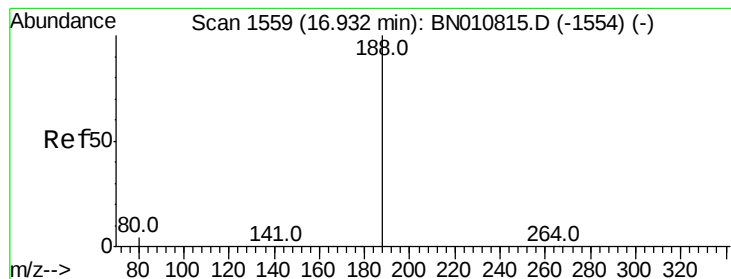


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

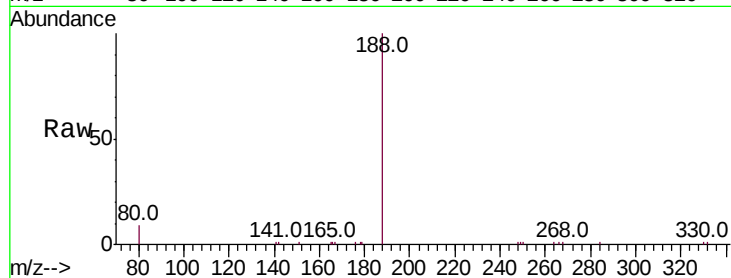
Tot Ion:188 Resp: 8485

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

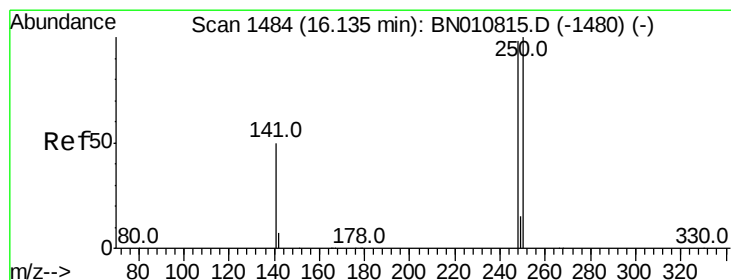
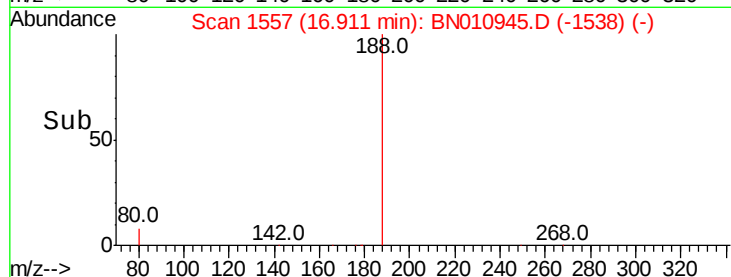
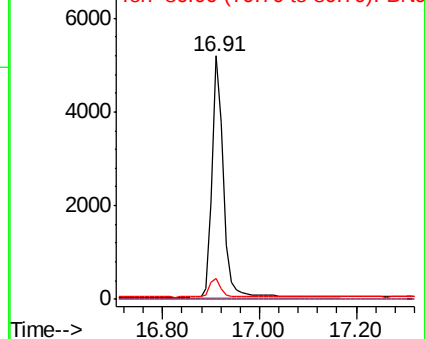
80 8.6 4.5 6.7#



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: 0.403 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

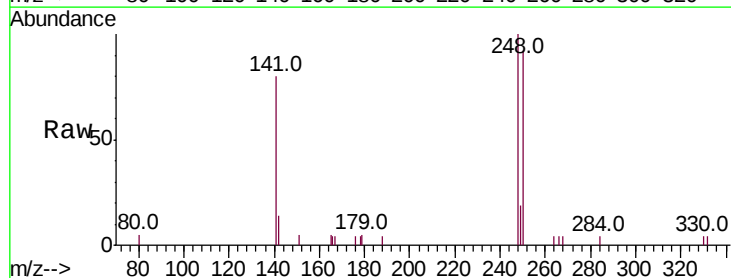
Tgt Ion:248 Resp: 2057

Ion Ratio Lower Upper

248 100

250 92.1 81.8 122.8

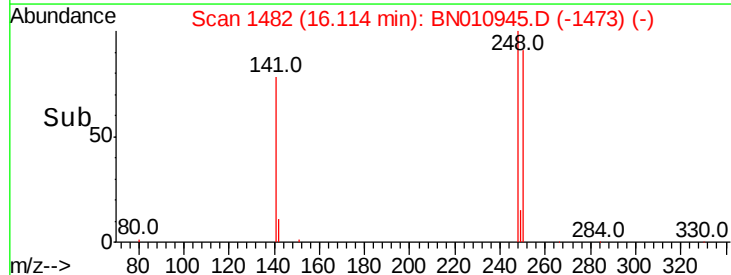
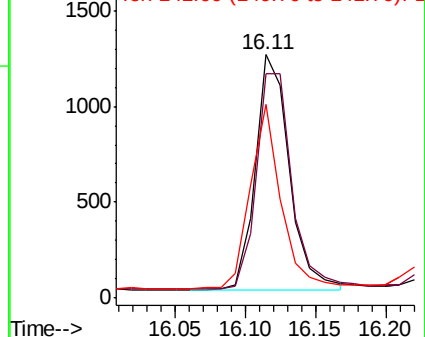
141 79.8 42.6 64.0#

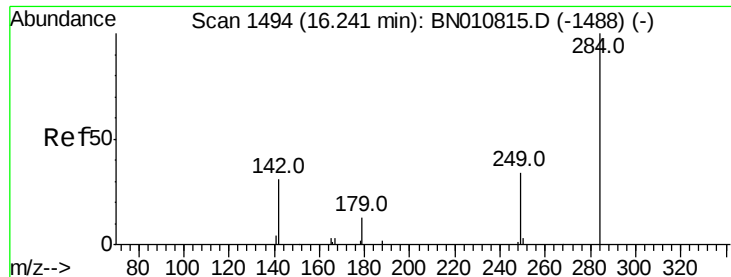


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.422 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

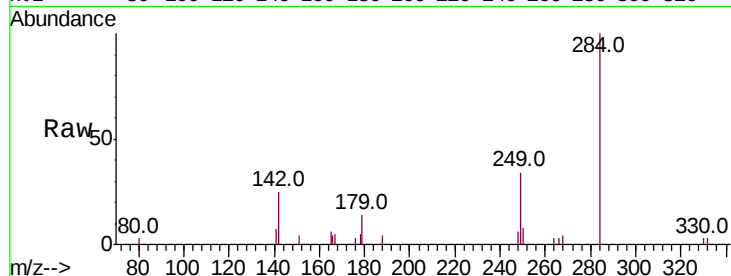
Tot Ion:284 Resp: 2247

Ion Ratio Lower Upper

284 100

142 38.0 31.0 46.4

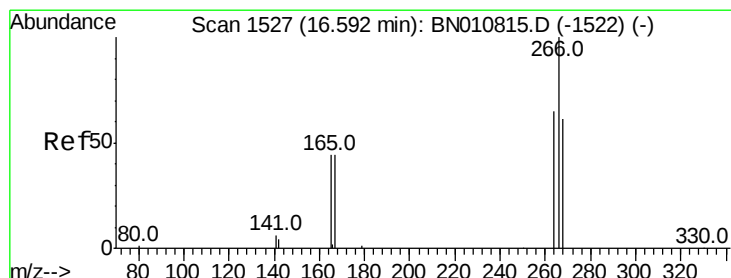
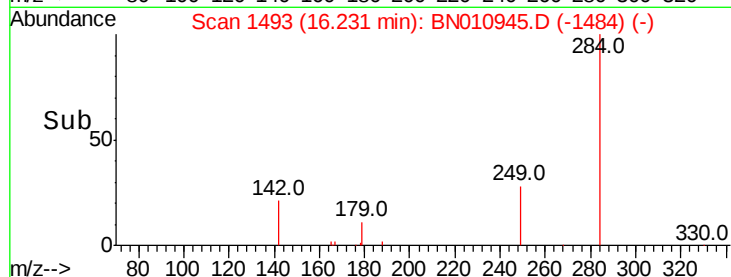
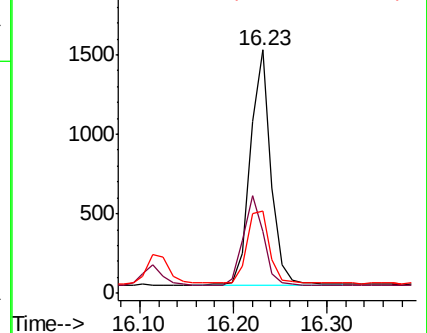
249 33.8 27.1 40.7



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: 0.395 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

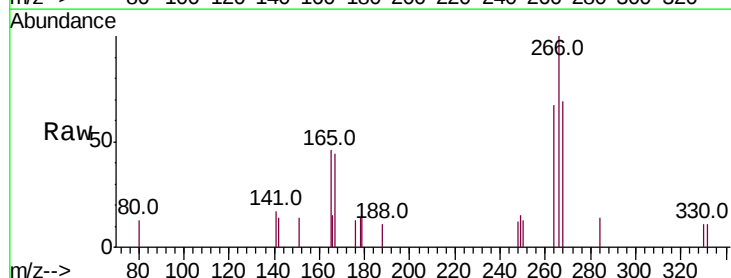
Tgt Ion:266 Resp: 706

Ion Ratio Lower Upper

266 100

264 67.3 54.8 82.2

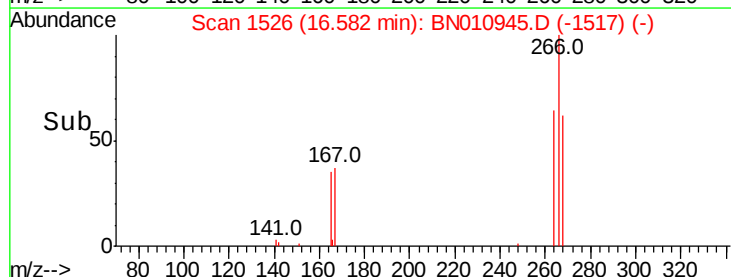
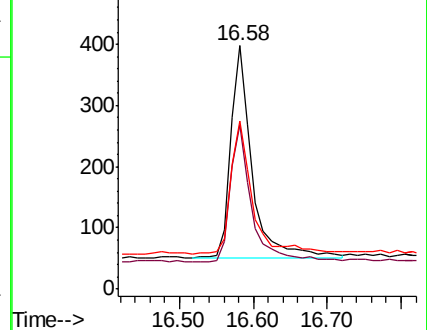
268 69.1 55.9 83.9



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: 0.406 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

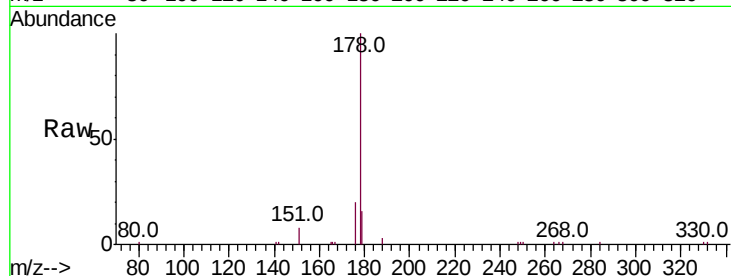
Tot Ion:178 Resp: 9415

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

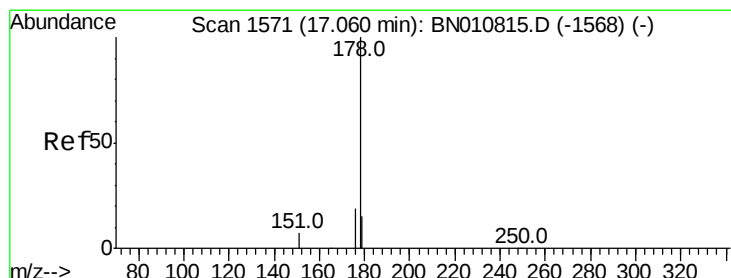
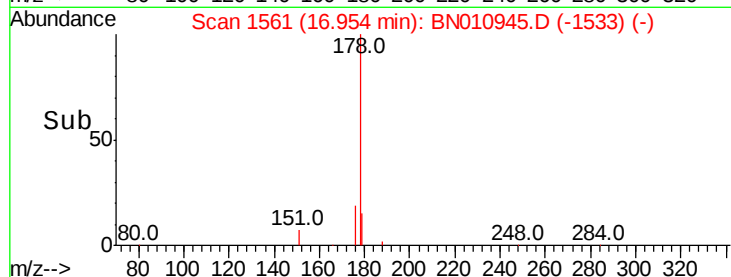
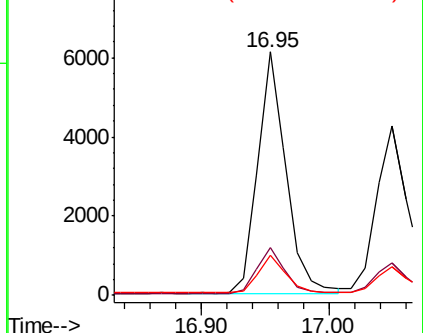
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.394 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

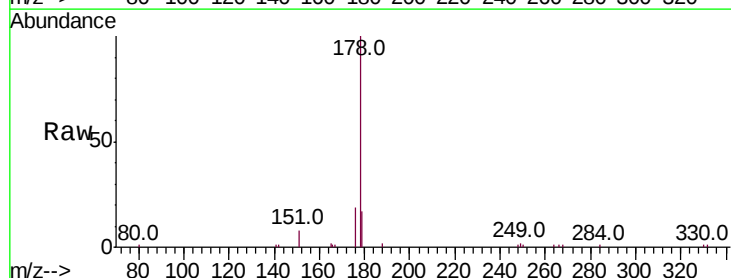
Tgt Ion:178 Resp: 7632

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

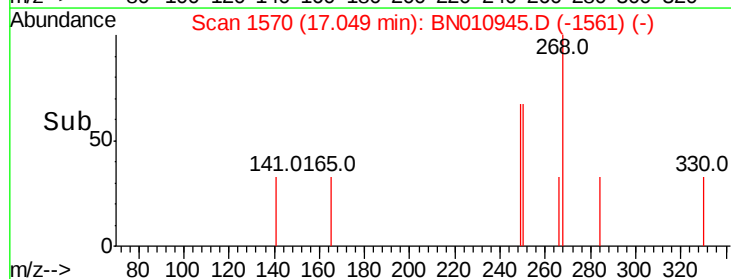
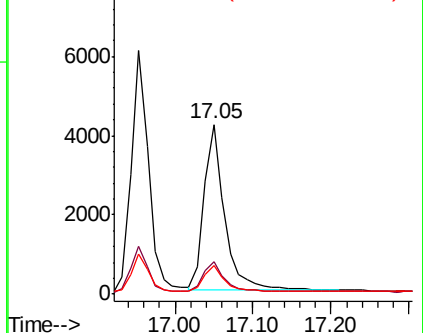
179 15.0 12.3 18.5

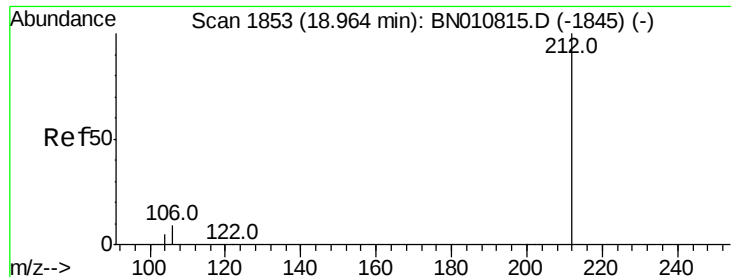


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 18.95 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

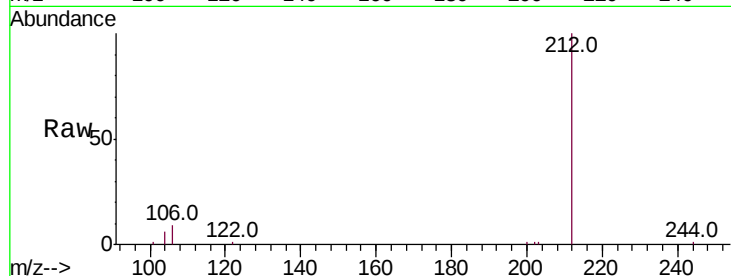
Tot Ion:212 Resp: 9163

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

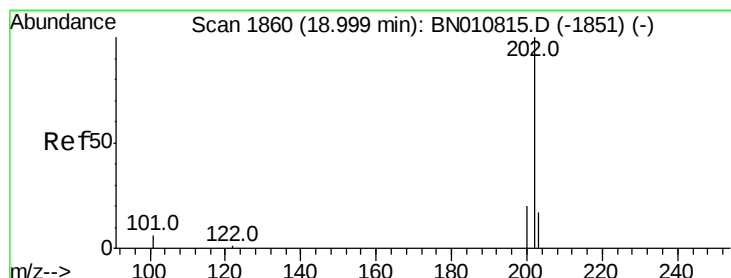
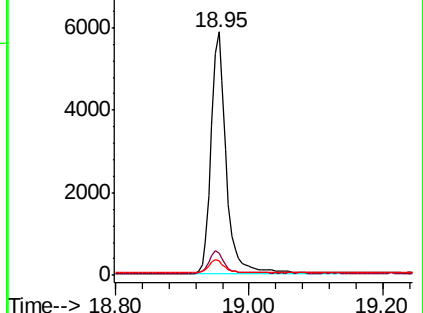
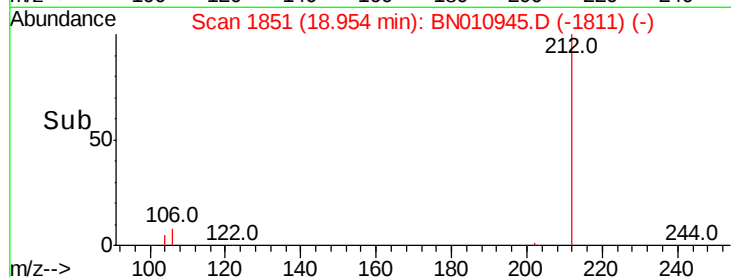
104 5.3 4.0 6.0



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: 0.395 ng

RT: 18.98 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

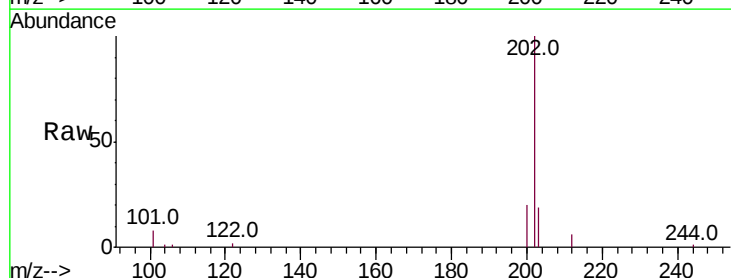
Tgt Ion:202 Resp: 10392

Ion Ratio Lower Upper

202 100

101 7.7 5.8 8.6

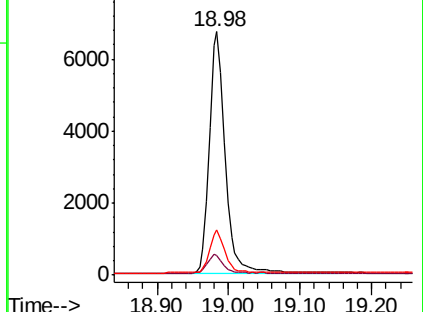
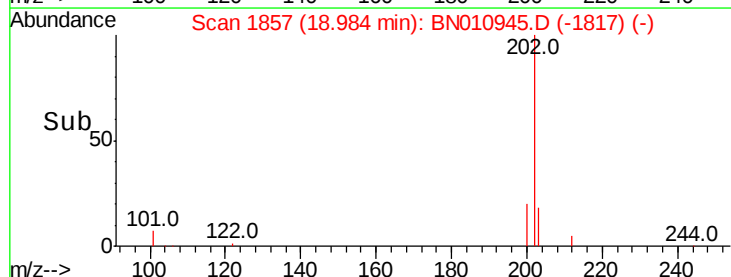
203 17.0 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

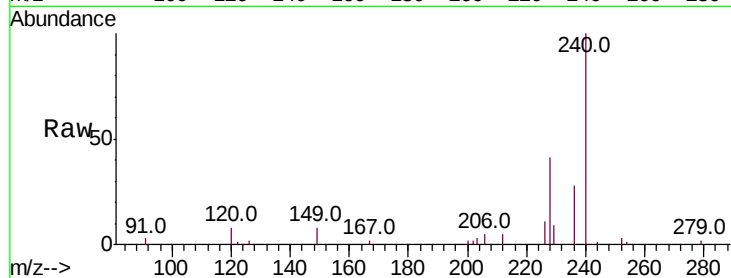




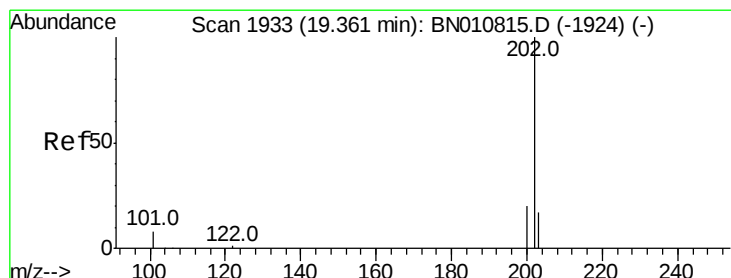
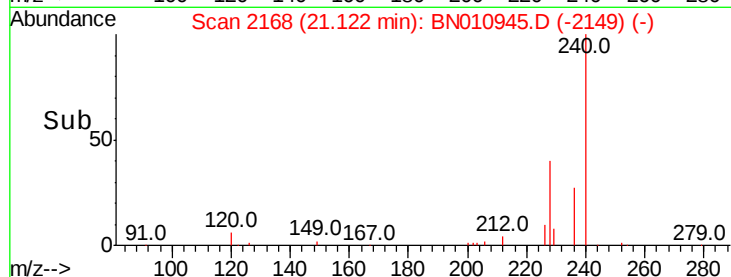
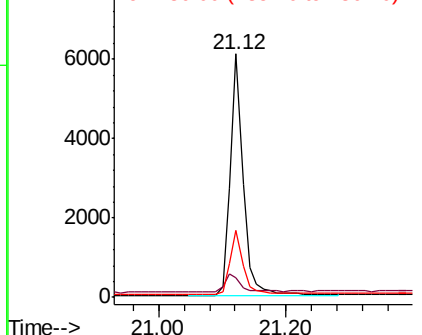
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BN010945.D
 Acq: 17 Jun 2020 17:47

Instrument :
 BNA_N
 ClientSampleId :
 PB129592BSD

Tot Ion:240 Resp: 8595
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.5 11.3
 236 27.7 22.3 33.5

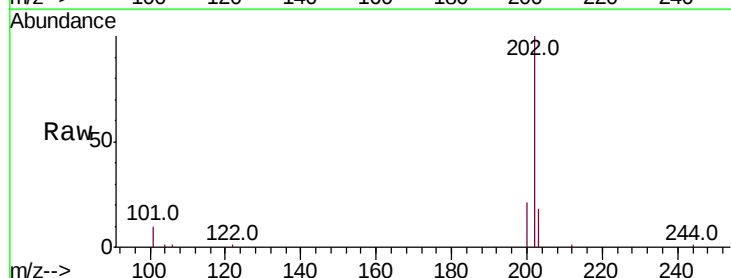


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

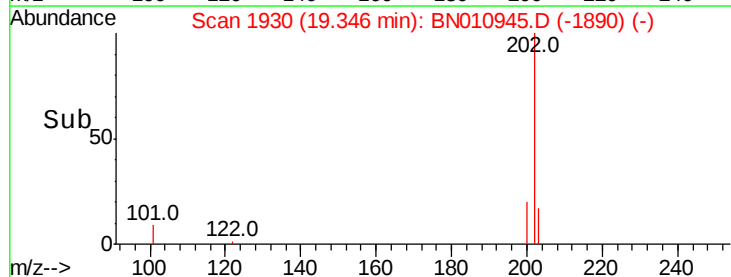
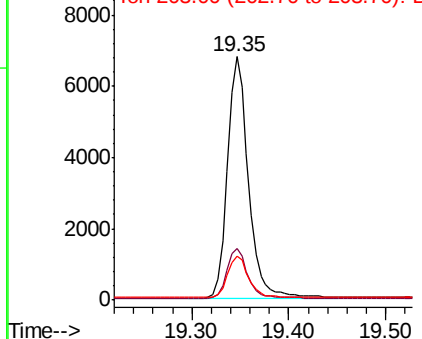


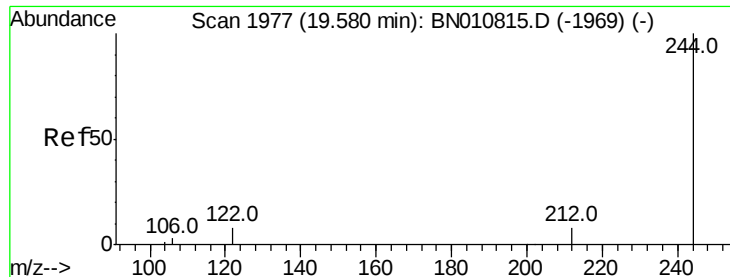
#28
 Pyrene
 Concen: 0.358 ng
 RT: 19.35 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BN010945.D
 Acq: 17 Jun 2020 17:47

Tgt Ion:202 Resp: 10181
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.4 24.6
 203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.362 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

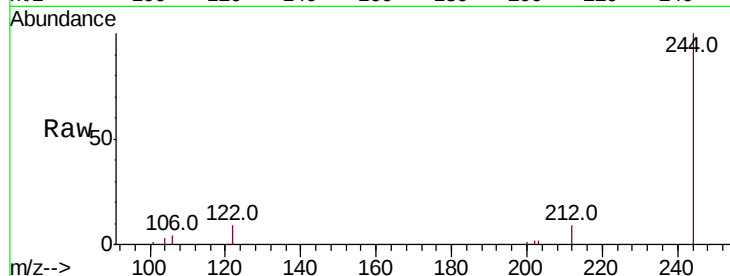
Tot Ion:244 Resp: 7279

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

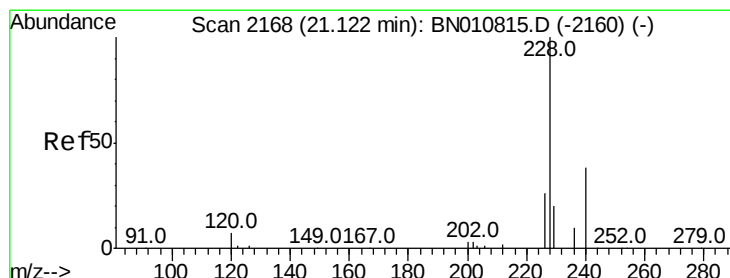
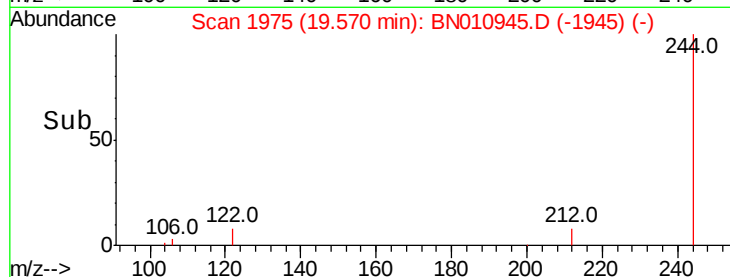
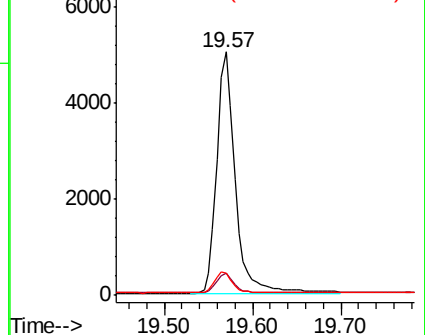
122 9.1 7.5 11.3



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: 0.399 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

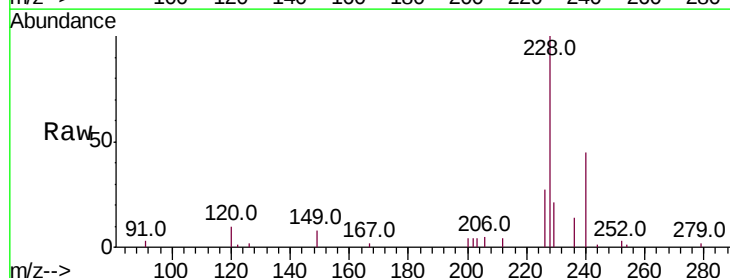
Tgt Ion:228 Resp: 10086

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

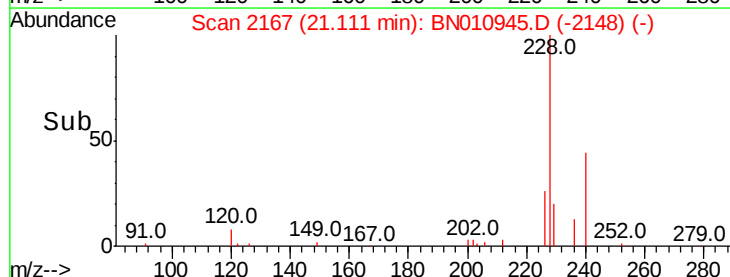
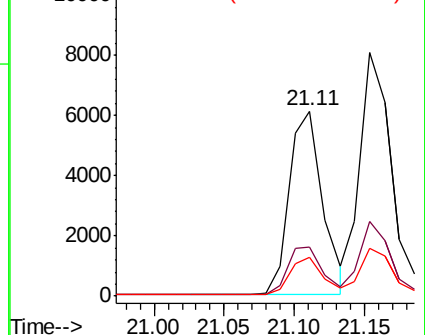
229 20.8 16.6 24.8



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: 0.426 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

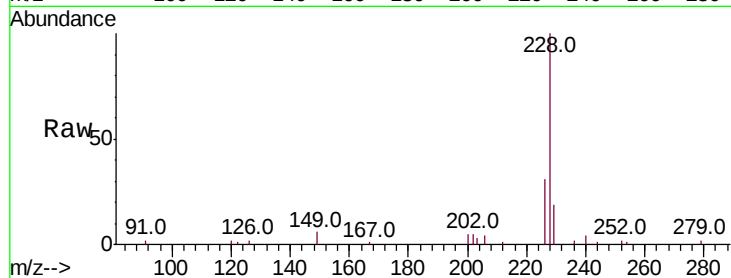
BNA_N

ClientSampleId :

PB129592BSD

Tot Ion:228 Resp: 12557

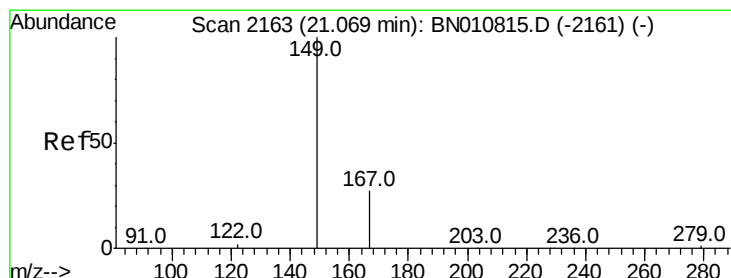
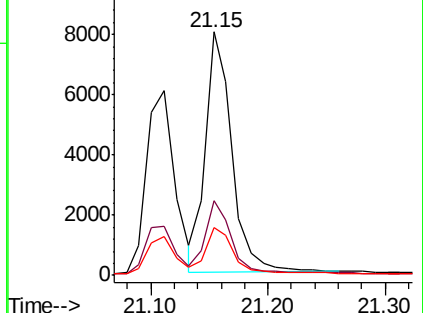
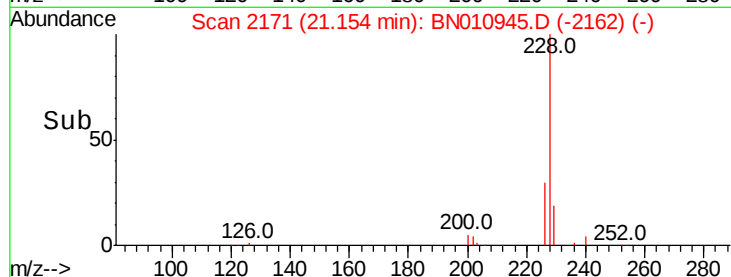
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.4	16.1	24.1



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: 0.399 ng

RT: 21.06 min Scan# 2162

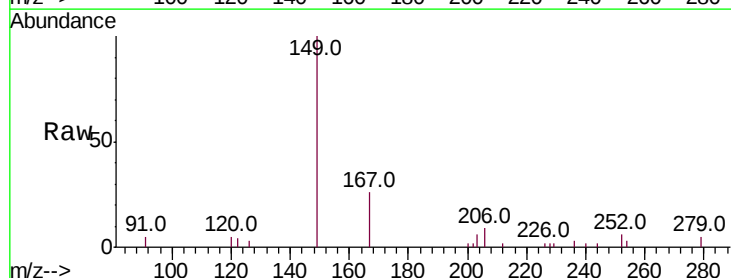
Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Tgt Ion:149 Resp: 3360

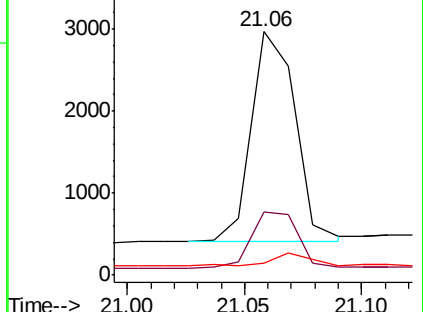
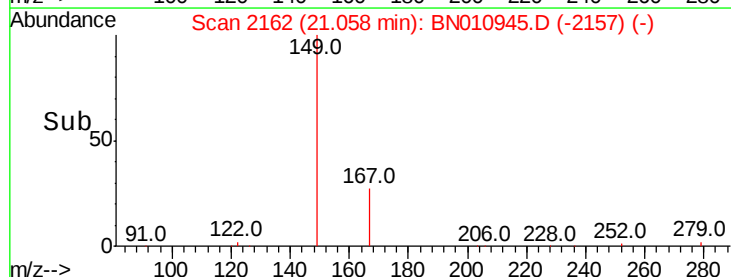
Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.1	36.1
279	4.9	4.6	7.0

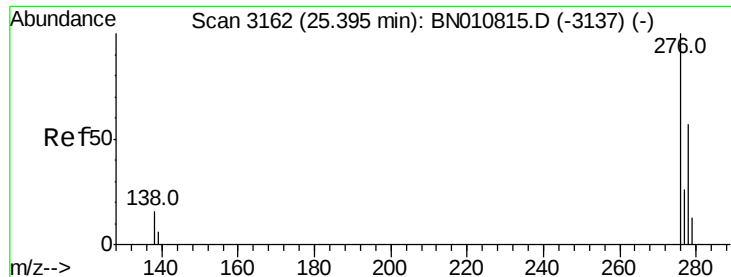


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.393 ng

RT: 25.37 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

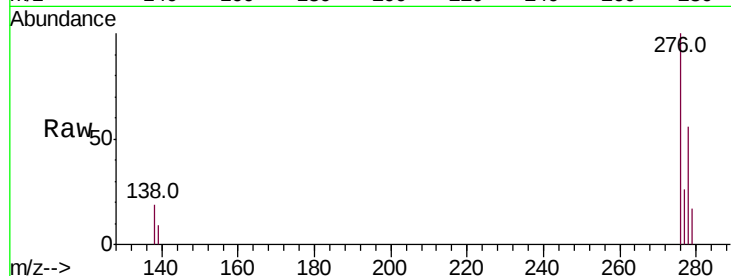
Tot Ion:276 Resp: 12926

Ion Ratio Lower Upper

276 100

138 19.6 13.0 19.6#

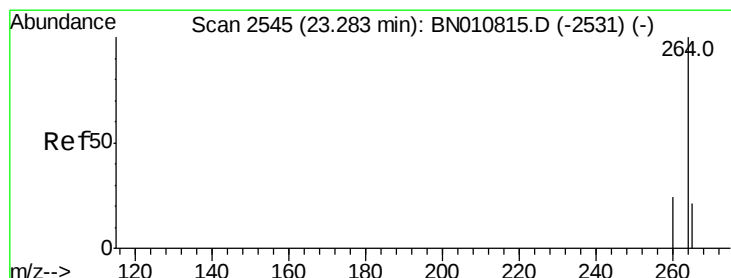
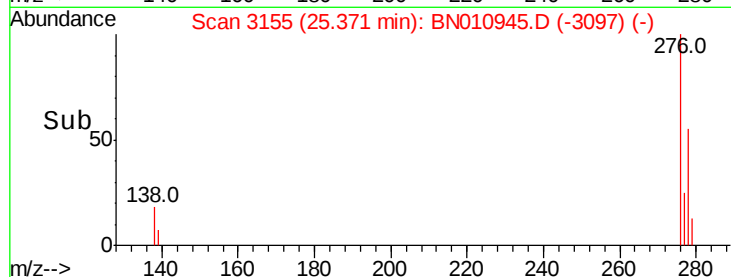
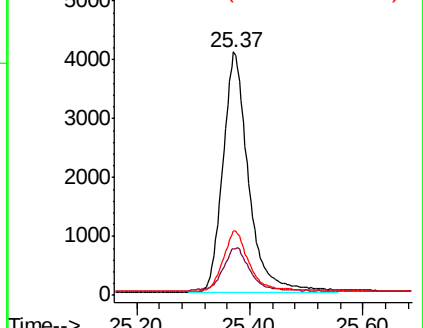
277 24.9 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

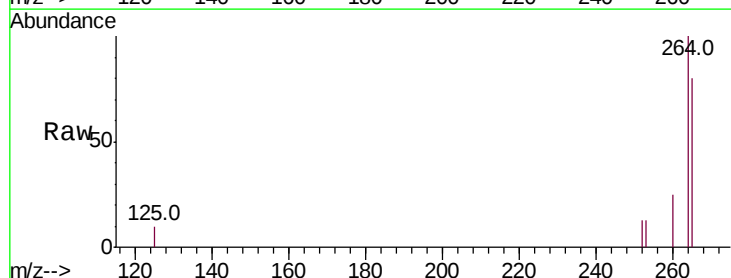
Tgt Ion:264 Resp: 7869

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

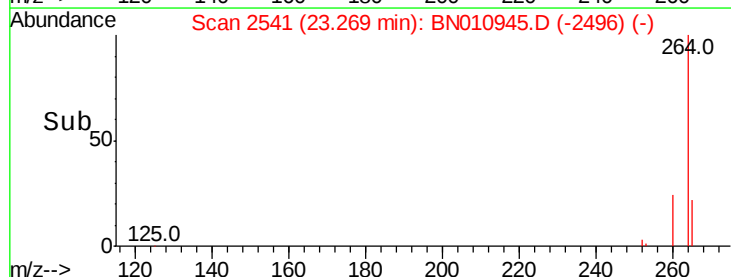
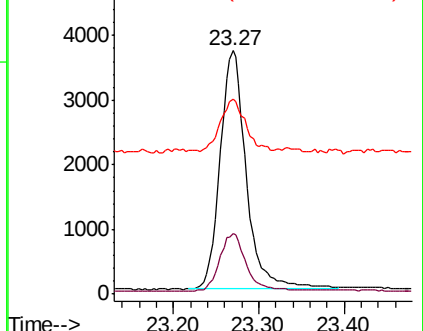
265 80.0 75.0 112.4



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: 0.389 ng

RT: 22.63 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

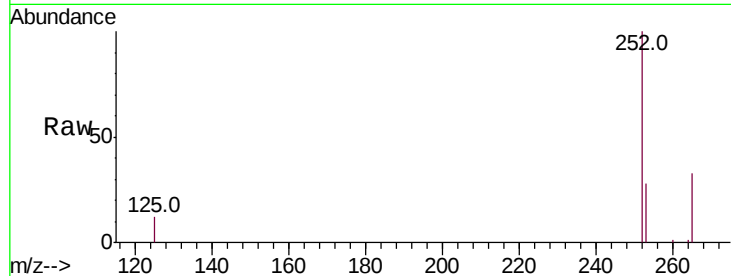
Tot Ion:252 Resp: 10408

Ion Ratio Lower Upper

252 100

253 27.5 22.4 33.6

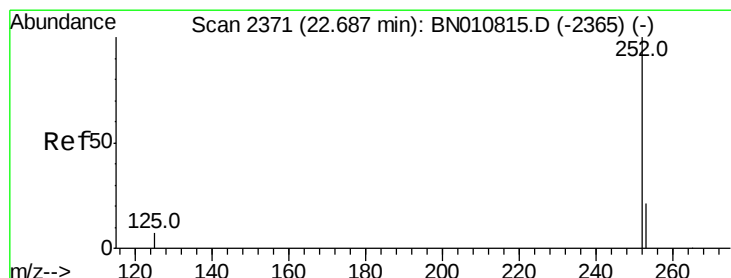
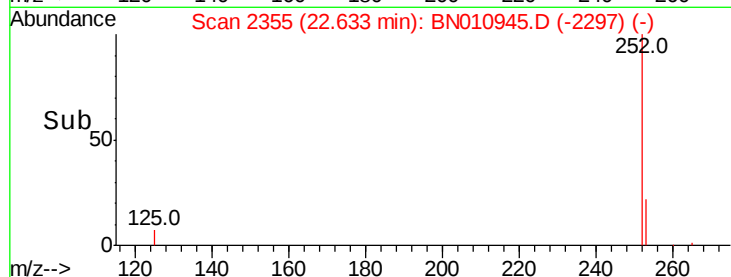
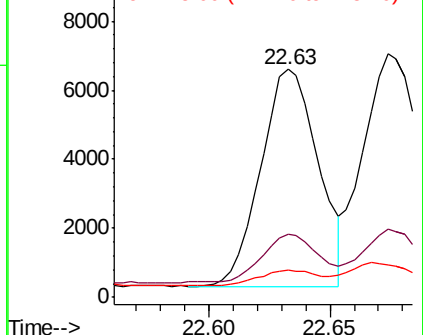
125 12.1 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.420 ng

RT: 22.67 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

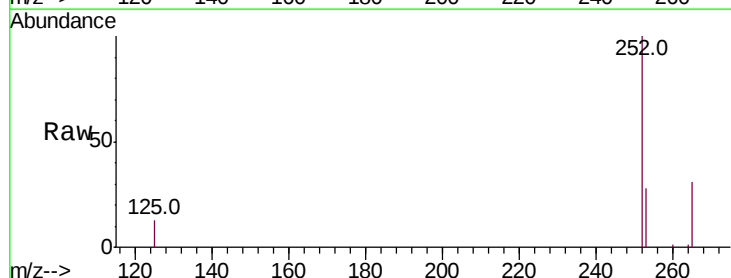
Tgt Ion:252 Resp: 11982

Ion Ratio Lower Upper

252 100

253 27.8 22.2 33.4

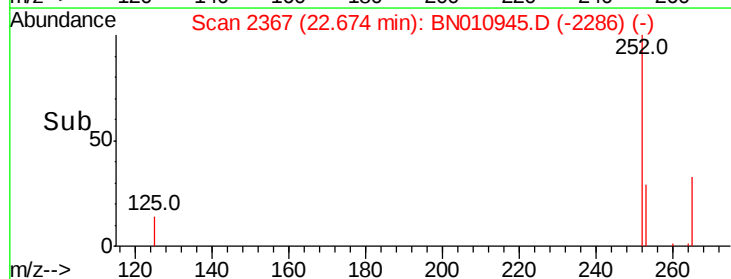
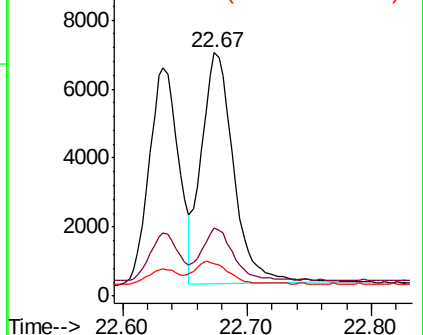
125 13.3 9.8 14.8



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





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.18 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

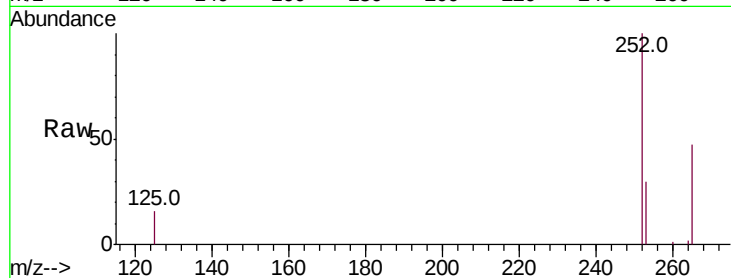
Tot Ion:252 Resp: 9260

Ion Ratio Lower Upper

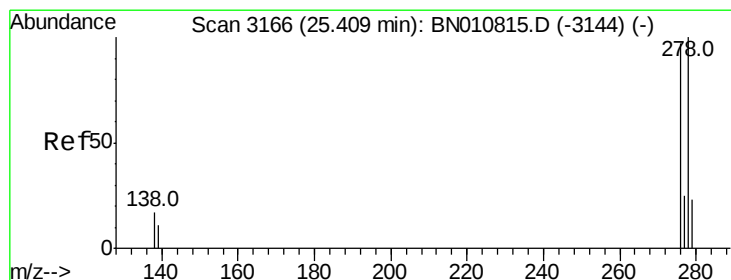
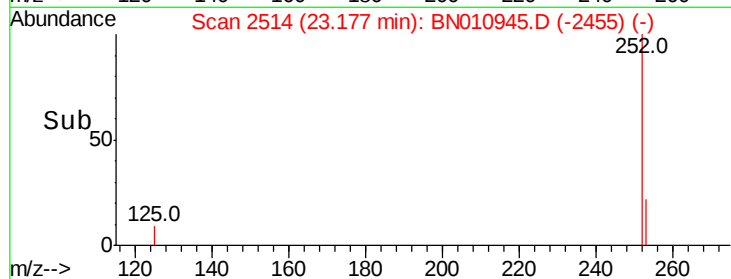
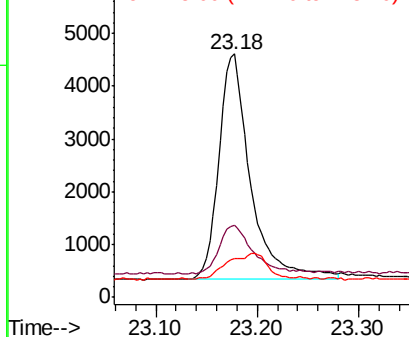
252 100

253 29.8 25.8 38.8

125 16.0 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: 0.394 ng

RT: 25.39 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

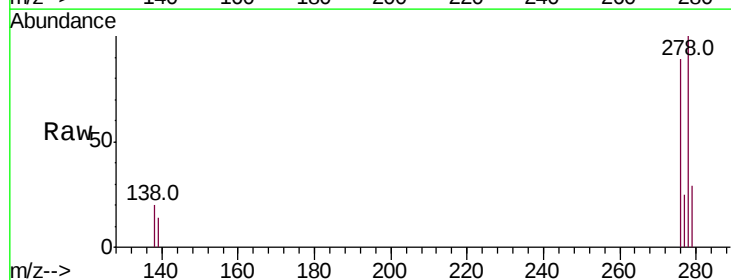
Tgt Ion:278 Resp: 10307

Ion Ratio Lower Upper

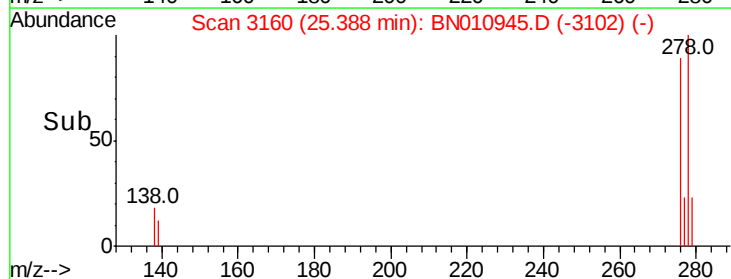
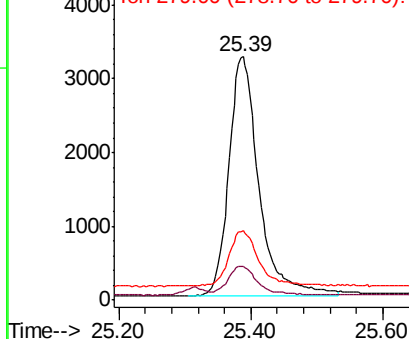
278 100

139 14.0 10.6 15.8

279 28.7 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: 0.389 ng

RT: 26.01 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BN010945.D

Acq: 17 Jun 2020 17:47

Instrument :

BNA_N

ClientSampleId :

PB129592BSD

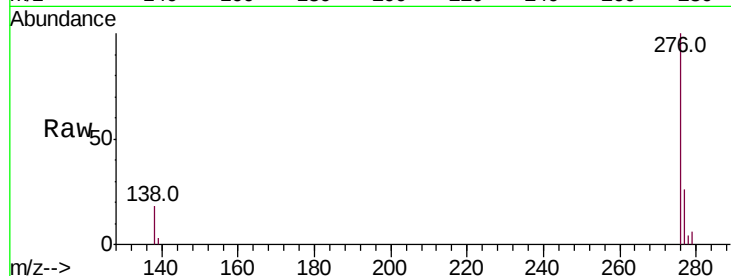
Tot Ion:276 Resp: 10641

Ion Ratio Lower Upper

276 100

277 25.9 20.5 30.7

138 18.1 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

