

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007112.D
 Acq On : 13 Aug 2019 03:18
 Operator : HP/JU
 Sample : K4143-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 06:28:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9411	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	37066	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	21466	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	51525	0.40	ng	0.00
26) Chrysene-d12	21.03	240	51004	0.40	ng	-0.02
32) Perylene-d12	23.15	264	55030	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	4287	0.19	ng	0.00
4) Phenol-d6	6.61	99	6580	0.23	ng	0.00
7) Nitrobenzene-d5	8.56	82	5826	0.19	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	13213	0.19	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1606	0.14	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3225	0.10	ng	0.00
24) Fluoranthene-d10	18.87	212	32337	0.18	ng	0.00
28) Terphenyl-d14	19.49	244	24429	0.18	ng	-0.01

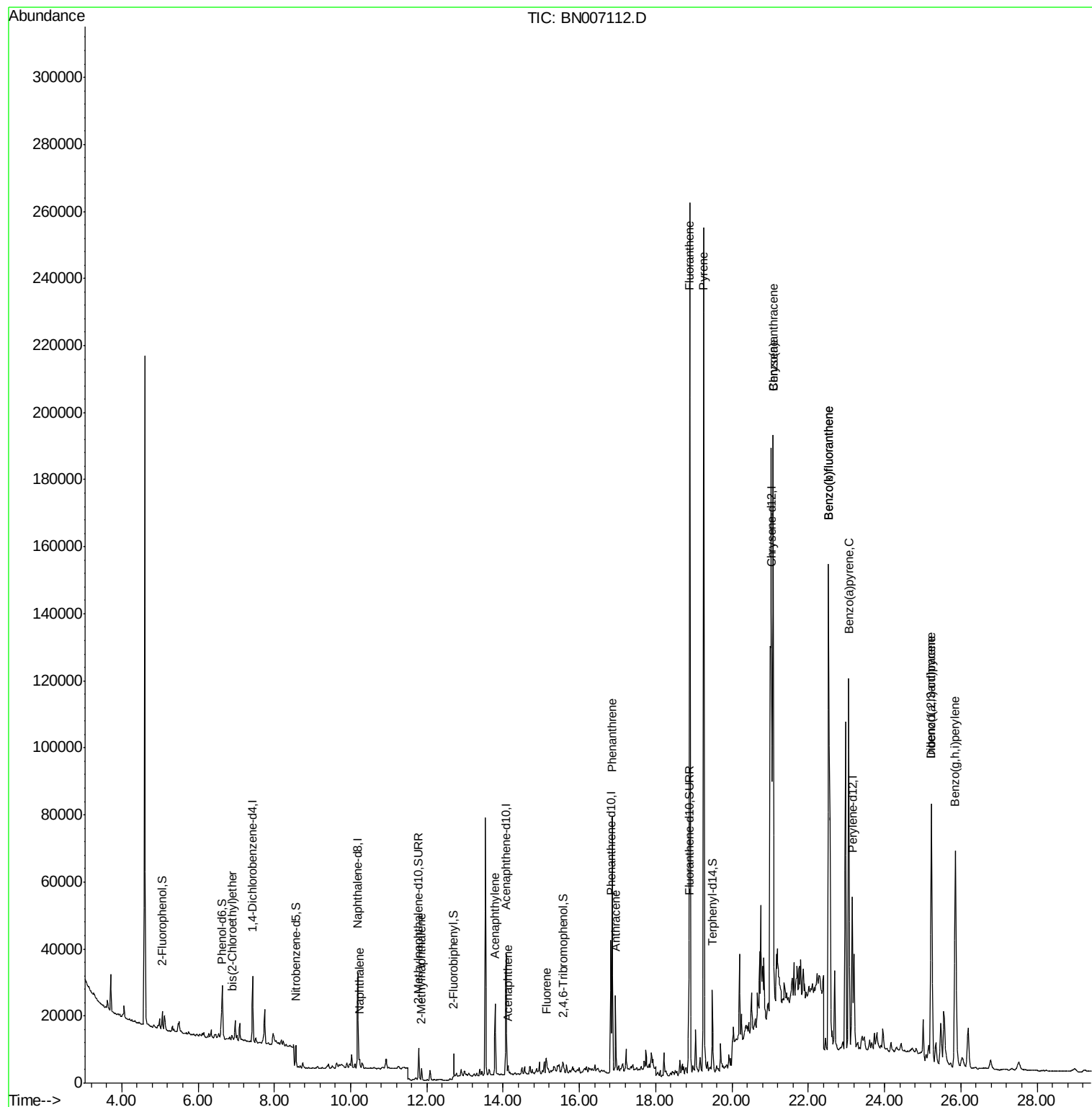
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) bis(2-Chloroethyl)ether	6.89	93	1598	0.065	ng	# 30
8) Naphthalene	10.24	128	3787	0.036	ng	# 90
11) 2-Methylnaphthalene	11.86	142	2407	0.033	ng	# 87
15) Acenaphthylene	13.79	152	26716	0.238	ng	100
16) Acenaphthene	14.13	154	1568	0.022	ng	93
17) Fluorene	15.14	166	3665	0.034	ng	# 80
22) Phenanthrene	16.87	178	77160	0.500	ng	100
23) Anthracene	16.95	178	23692	0.168	ng	98
25) Fluoranthene	18.90	202	240648	1.218	ng	100
27) Pyrene	19.26	202	230893	1.291	ng	97
29) Benzo(a)anthracene	21.08	228	158425	0.849	ng	95
30) Chrysene	21.08	228	158376	0.874	ng	98
31) Indeno(1,2,3-cd)pyrene	25.23	276	122384	0.613	ng	99
33) Benzo(b)fluoranthene	22.53	252	234949	1.245	ng	98
34) Benzo(k)fluoranthene	22.53	252	234949	1.261	ng	98
35) Benzo(a)pyrene	23.06	252	146184	0.855	ng	99
36) Dibenzo(a,h)anthracene	25.24	278	30293	0.177	ng	# 76
37) Benzo(a,h,i)perylene	25.85	276	131344	0.748	ng	98

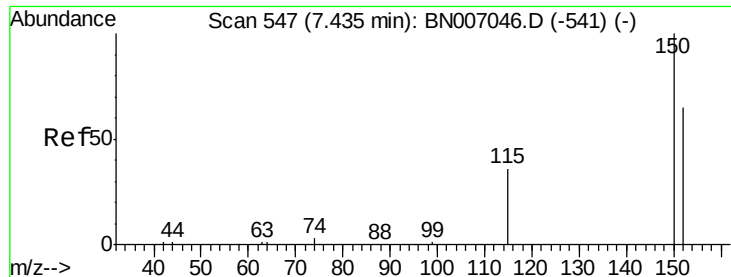
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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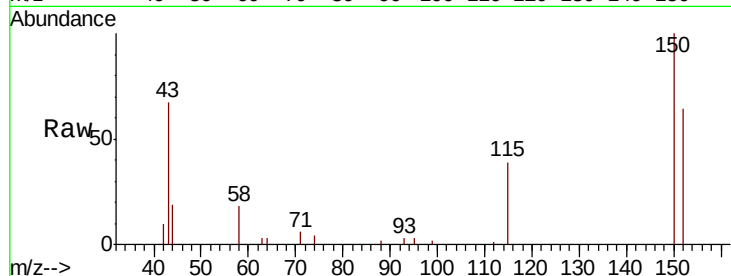


#1

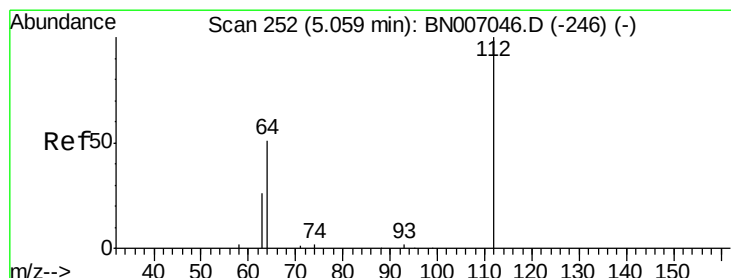
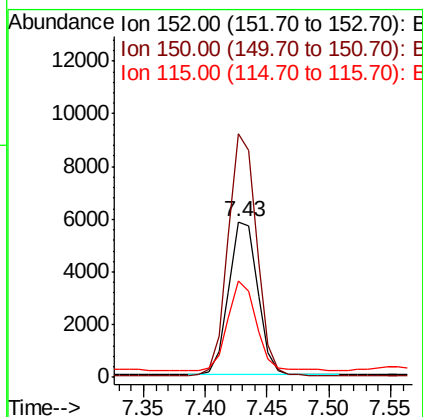
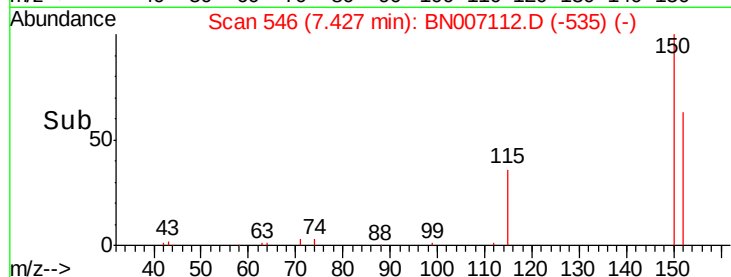
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.01 min
Lab File: BN007112.D
Acq: 13 Aug 2019 03:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9411
Ion Ratio Lower Upper
152 100
150 156.2 121.7 182.5
115 61.5 46.2 69.4



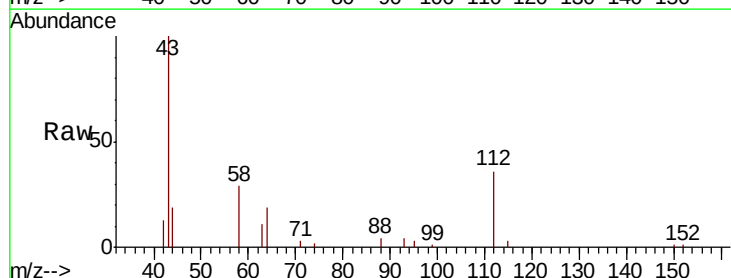
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



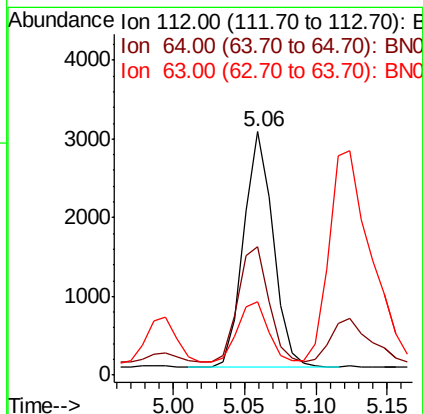
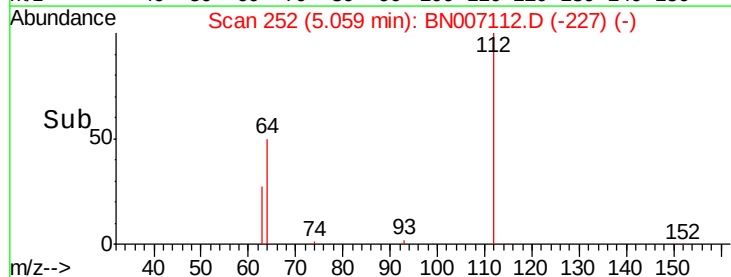
#3

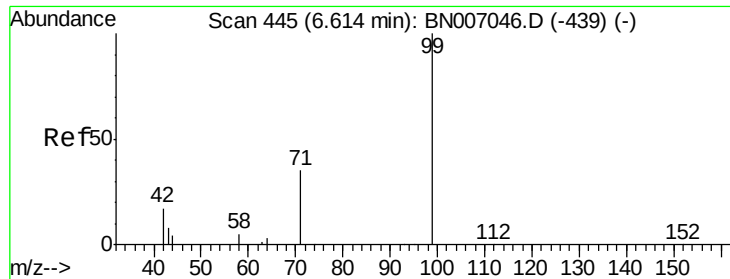
2-Fluorophenol
Concen: 0.190 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007112.D
Acq: 13 Aug 2019 03:18

Tgt Ion:112 Resp: 4287
Ion Ratio Lower Upper
112 100
64 52.2 42.6 63.8
63 26.9 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.235 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampled :

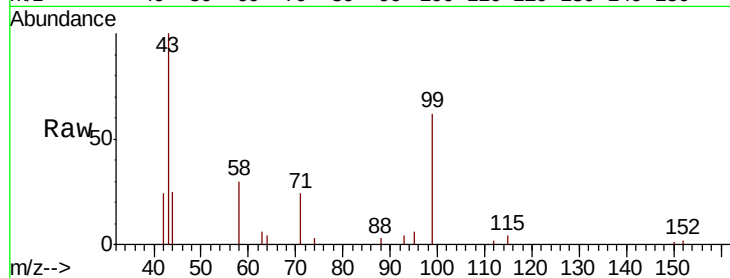
Tot Ion: 99 Resp: 6580

Ion Ratio Lower Upper

99 100

42 38.4 15.8 23.6#

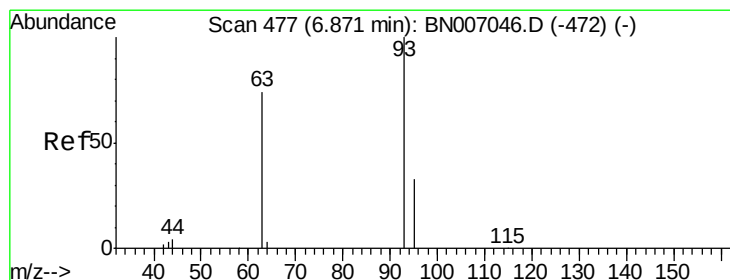
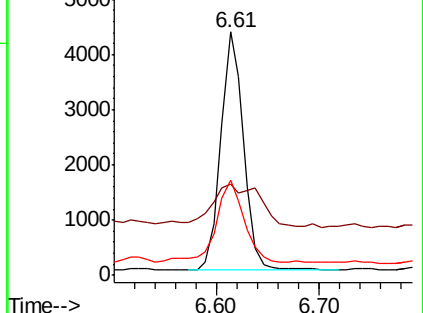
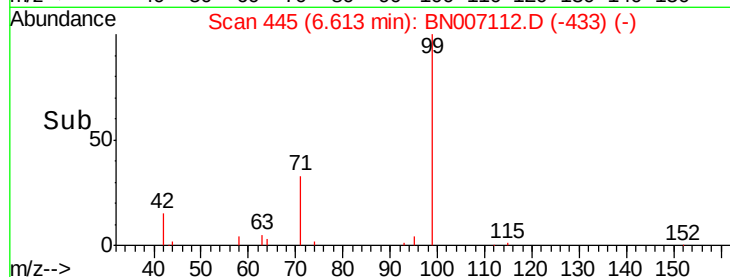
71 42.4 27.0 40.4#



Abundance Ion 99.00 (98.70 to 99.70): BN007112.D (-433) (-)

Ion 42.00 (41.70 to 42.70): BN007112.D (-433) (-)

Ion 71.00 (70.70 to 71.70): BN007112.D (-433) (-)



#5

bis(2-Chloroethyl)ether

Concen: 0.065 ng

RT: 6.89 min Scan# 479

Delta R.T. 0.02 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

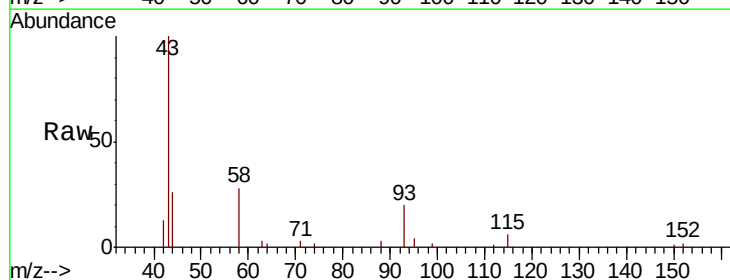
Tgt Ion: 93 Resp: 1598

Ion Ratio Lower Upper

93 100

63 8.4 55.6 83.4#

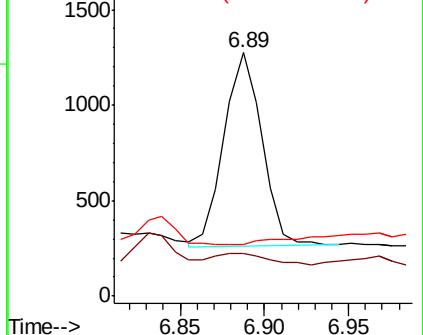
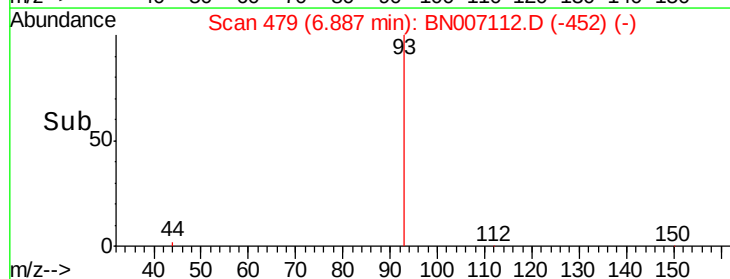
95 0.0 26.7 40.1#

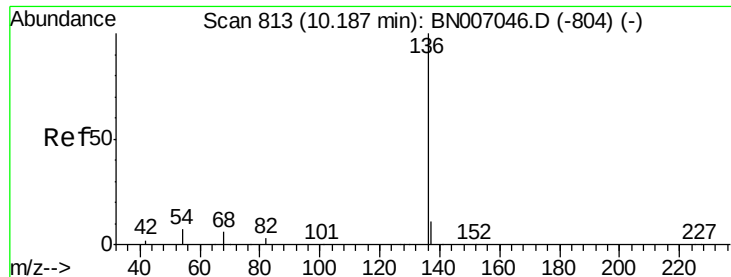


Abundance Ion 93.00 (92.70 to 93.70): BN007112.D (-452) (-)

Ion 63.00 (62.70 to 63.70): BN007112.D (-452) (-)

Ion 95.00 (94.70 to 95.70): BN007112.D (-452) (-)





#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 37066

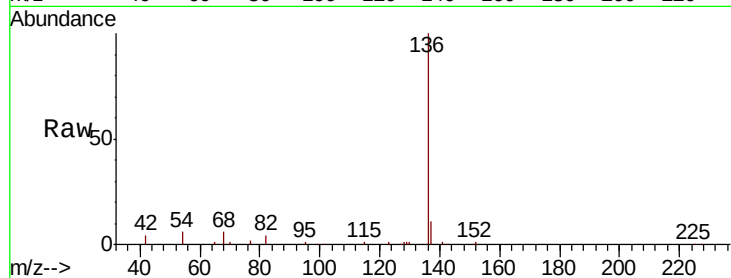
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 5.9 6.6 9.8#

68 5.7 6.0 9.0#

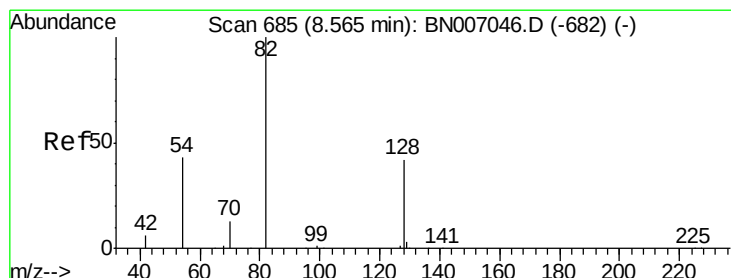
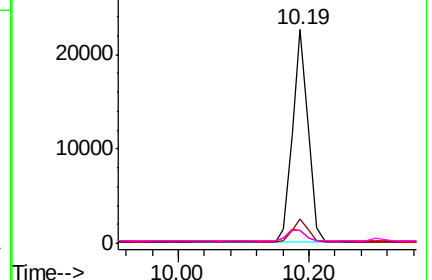
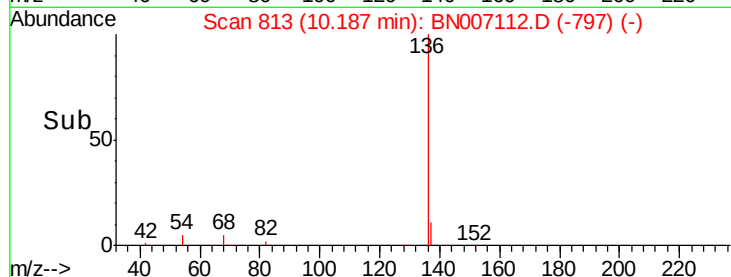


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 0.195 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

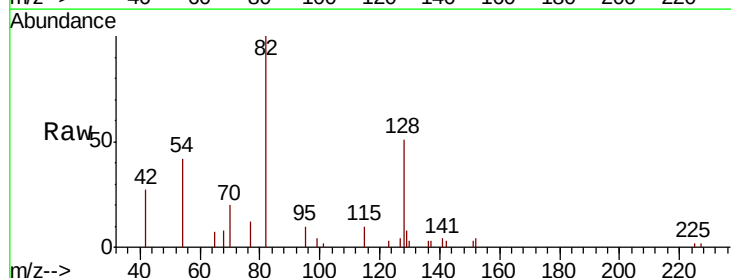
Tgt Ion: 82 Resp: 5826

Ion Ratio Lower Upper

82 100

128 50.5 34.6 51.8

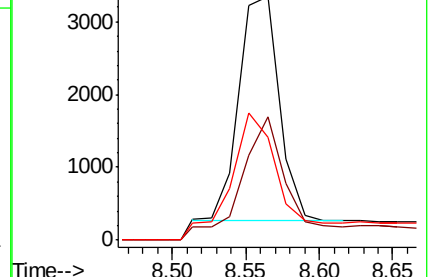
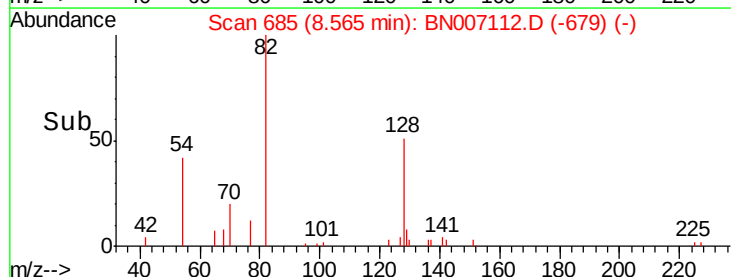
54 42.4 36.2 54.4

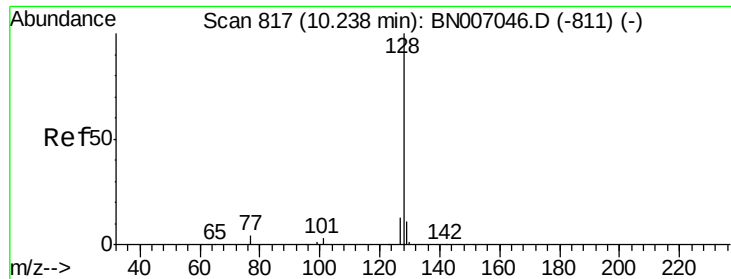


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#8

Naphthalene

Concen: 0.036 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampleId :

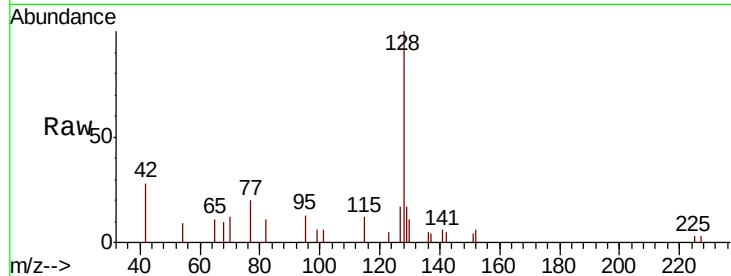
Tot Ion:128 Resp: 3787

Ion Ratio Lower Upper

128 100

129 17.3 9.4 14.2#

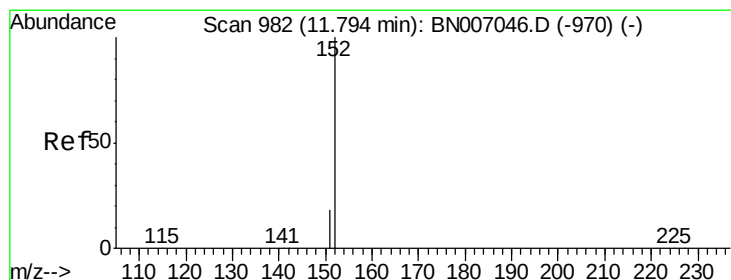
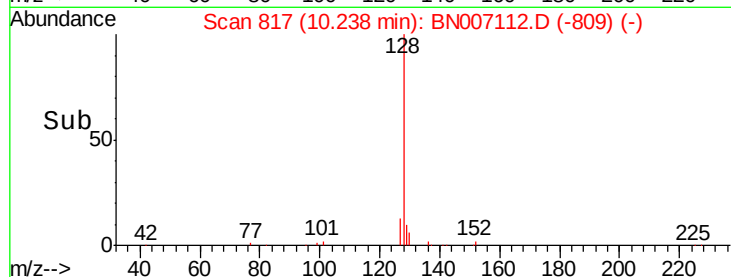
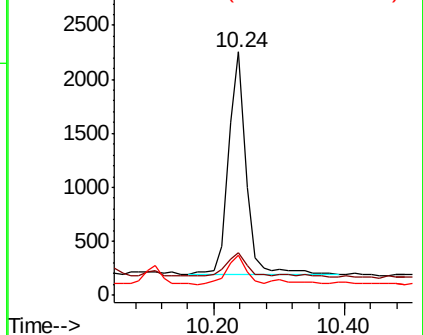
127 16.6 11.0 16.6#



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

2-Methylnaphthalene-d10

Concen: 0.191 ng

RT: 11.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007112.D

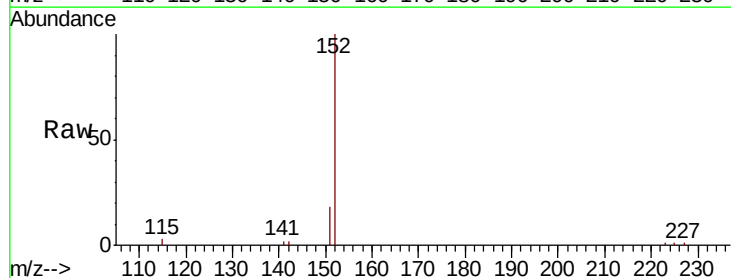
Acq: 13 Aug 2019 03:18

Tgt Ion:152 Resp: 13213

Ion Ratio Lower Upper

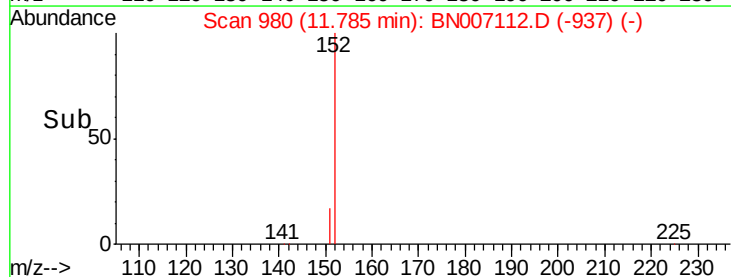
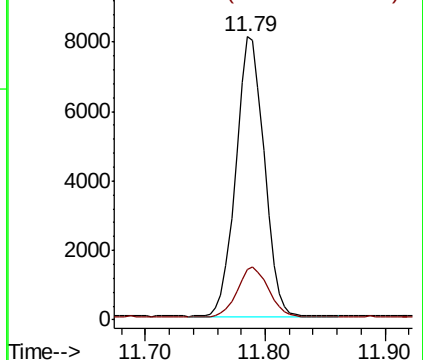
152 100

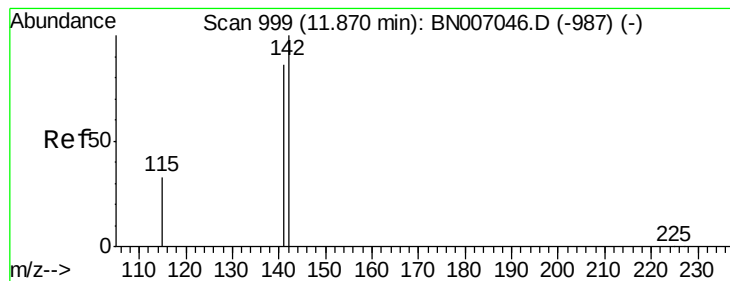
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.033 ng

RT: 11.86 min Scan# 997

Delta R.T. -0.01 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampleId :

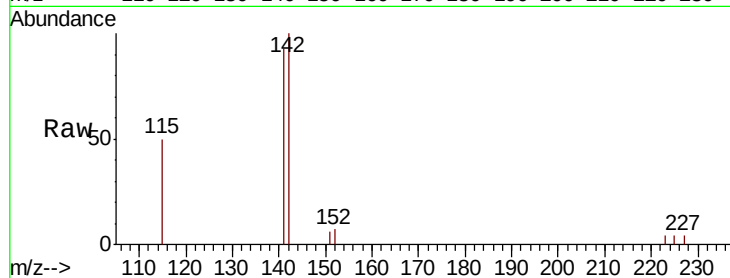
Tot Ion:142 Resp: 2407

Ion Ratio Lower Upper

142 100

141 93.2 69.0 103.6

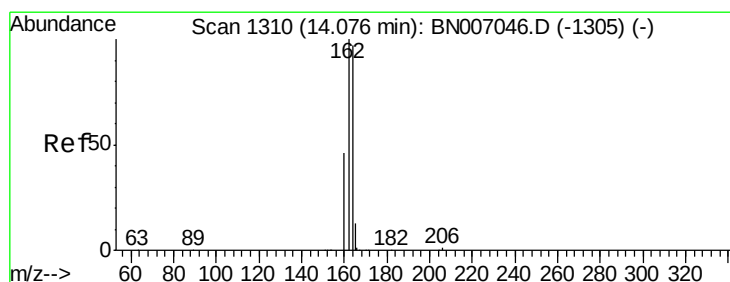
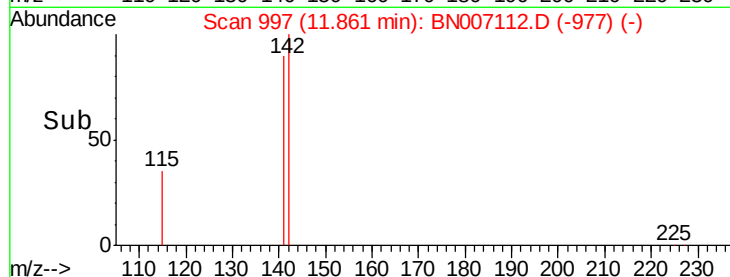
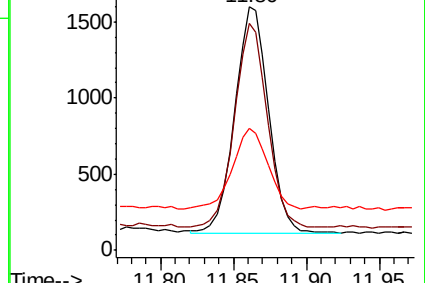
115 50.0 27.1 40.7#



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



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

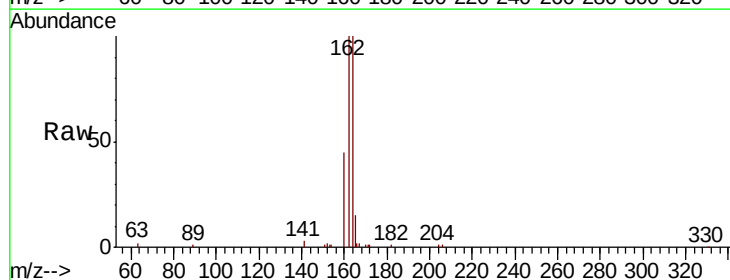
Tgt Ion:164 Resp: 21466

Ion Ratio Lower Upper

164 100

162 99.8 82.2 123.4

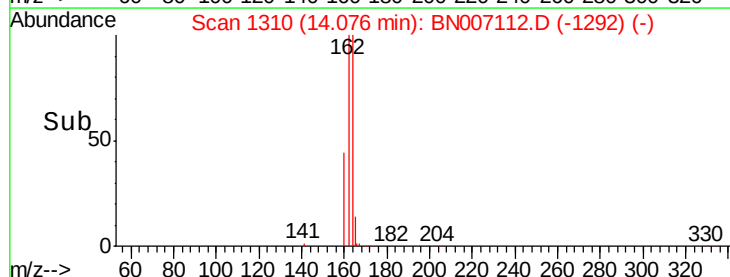
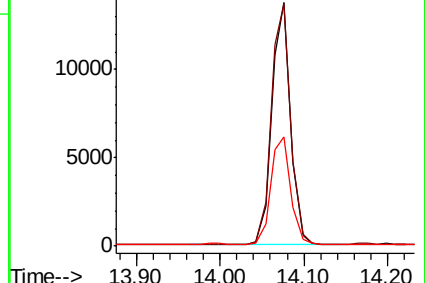
160 45.1 38.3 57.5

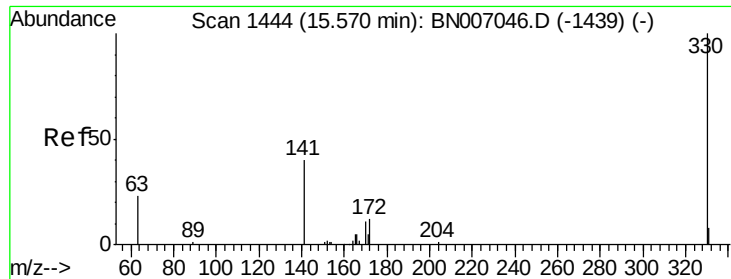


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

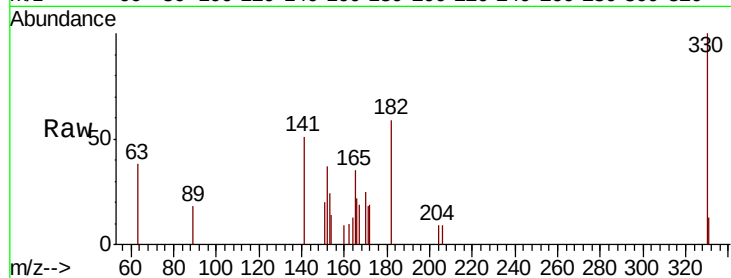




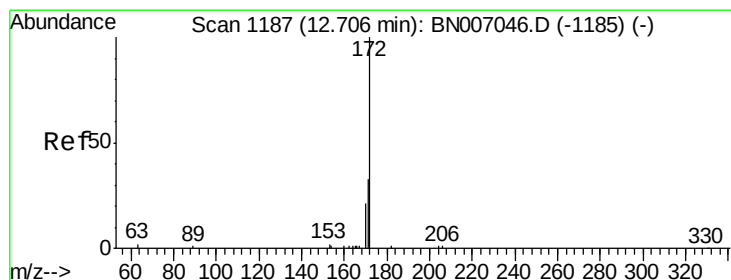
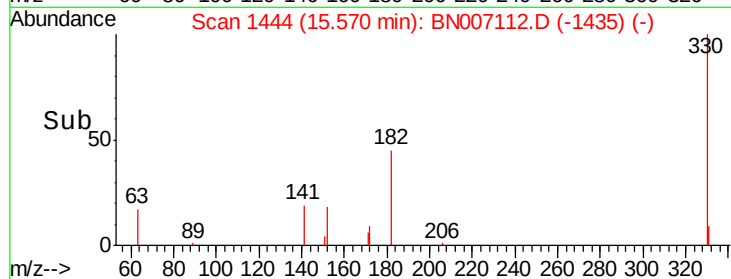
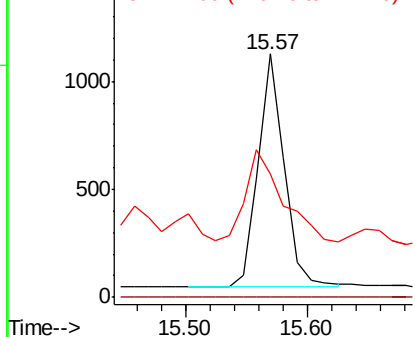
#13
 2,4,6-Tribromophenol
 Concen: 0.139 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007112.D
 Acq: 13 Aug 2019 03:18

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1606
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 56.4 33.6 50.4#

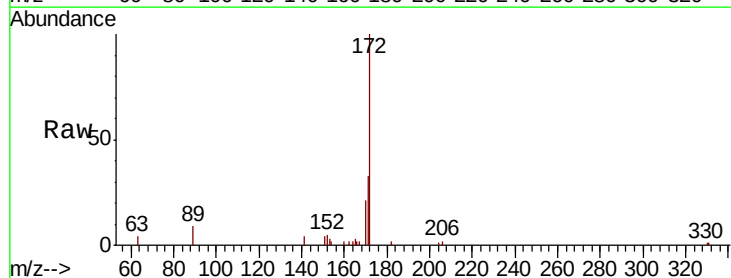


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

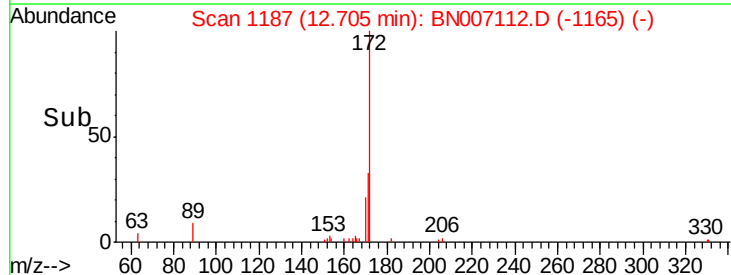
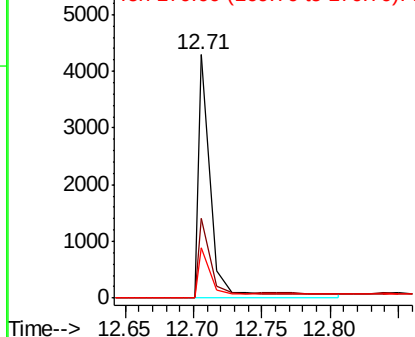


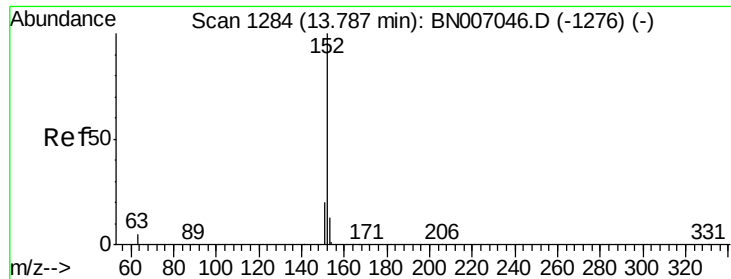
#14
 2-Fluorobiphenyl
 Concen: 0.103 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007112.D
 Acq: 13 Aug 2019 03:18

Tgt Ion:172 Resp: 3225
 Ion Ratio Lower Upper
 172 100
 171 32.5 26.3 39.5
 170 20.7 17.0 25.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.238 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

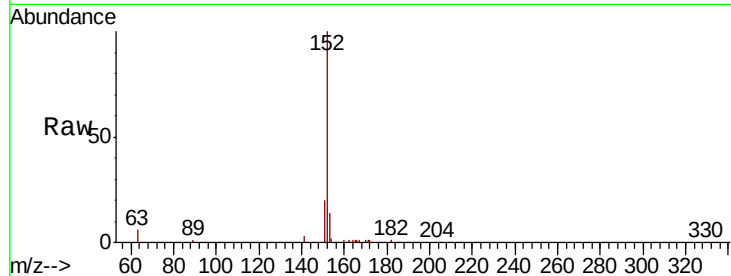
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 26716

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.0	10.4	15.6

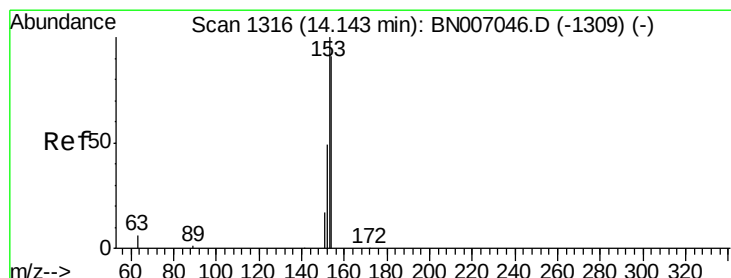
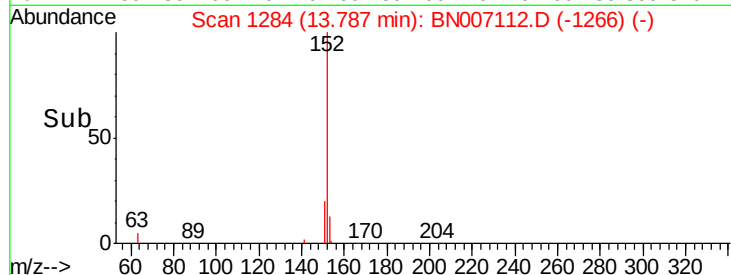
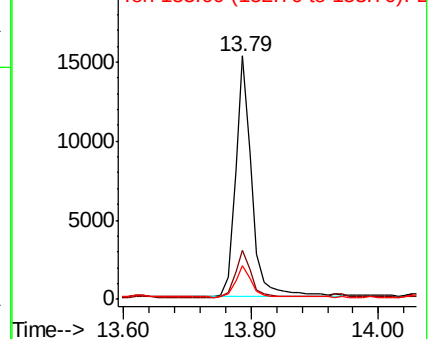


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.022 ng

RT: 14.13 min Scan# 1315

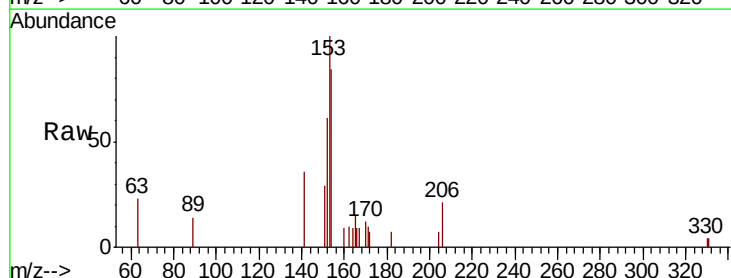
Delta R.T. -0.01 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Tgt Ion:154 Resp: 1568

Ion	Ratio	Lower	Upper
154	100		
153	108.7	89.5	134.3
152	66.6	44.8	67.2

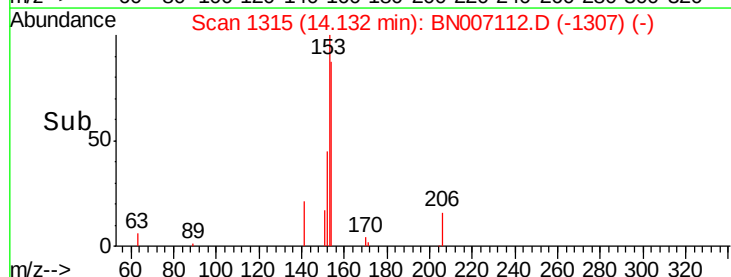
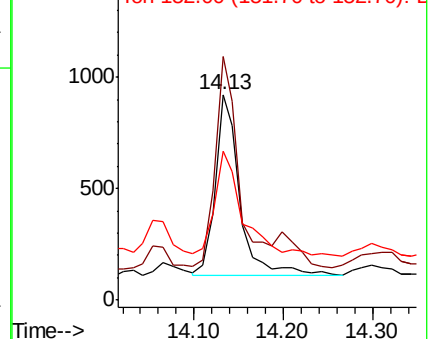


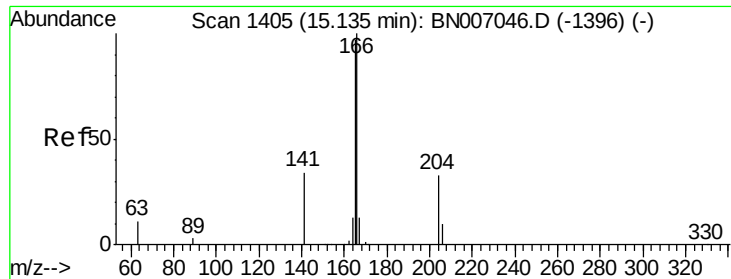
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

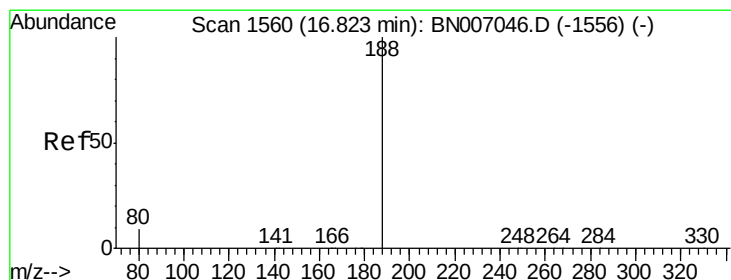
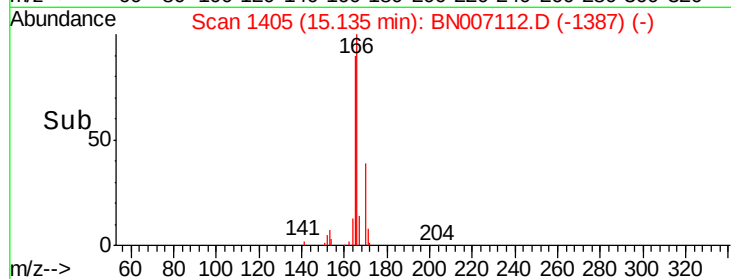
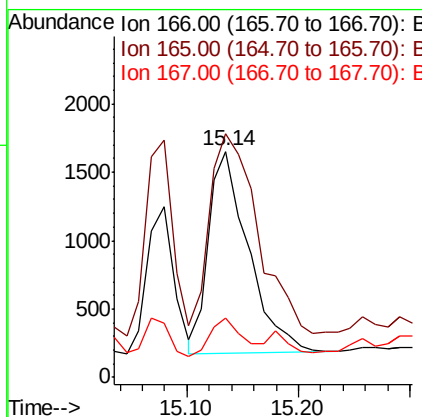
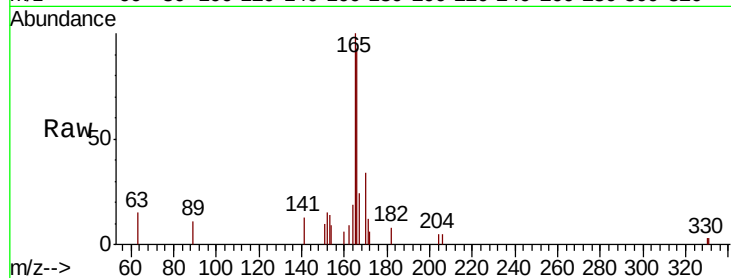




#17
Fluorene
 Concen: 0.034 ng
 RT: 15.14 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007112.D
 Acq: 13 Aug 2019 03:18

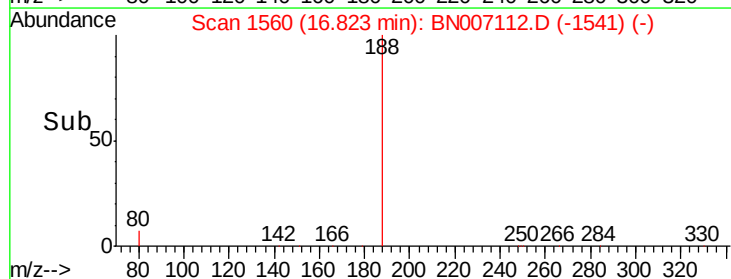
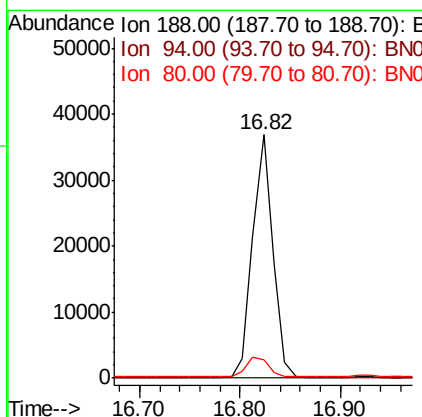
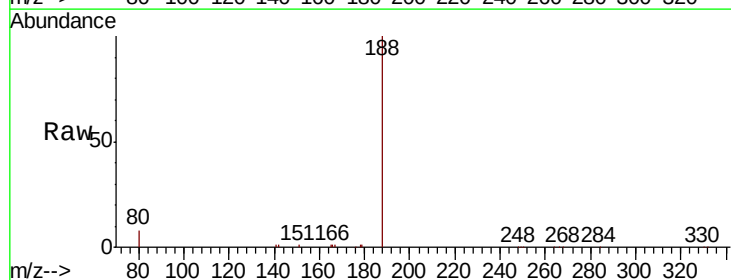
Instrument :
 BNA_N
 ClientSampled :

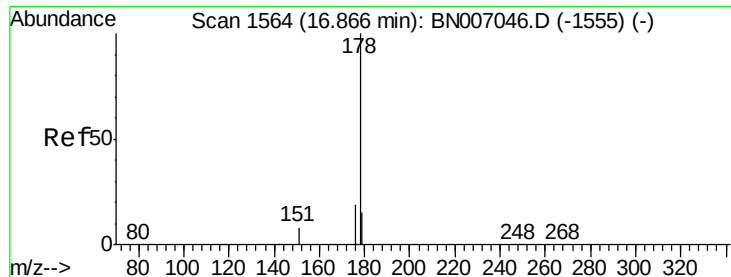
Tot Ion:166 Resp: 3665
 Ion Ratio Lower Upper
 166 100
 165 119.6 77.9 116.9#
 167 14.5 10.9 16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007112.D
 Acq: 13 Aug 2019 03:18

Tgt Ion:188 Resp: 51525
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.5 7.8 11.6#





#22

Phenanthrene

Concen: 0.500 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampleId :

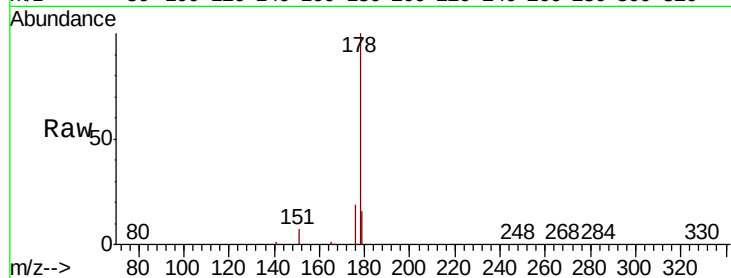
Tot Ion:178 Resp: 77160

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

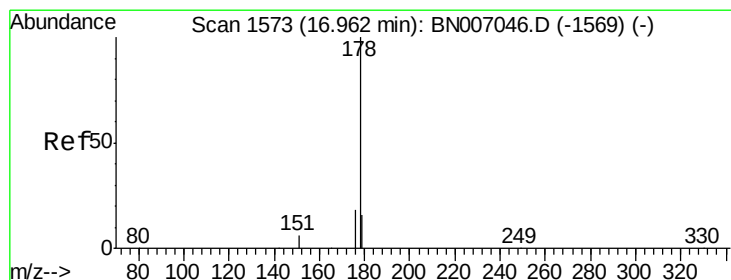
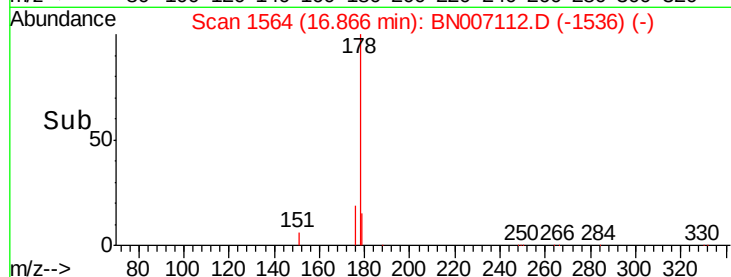
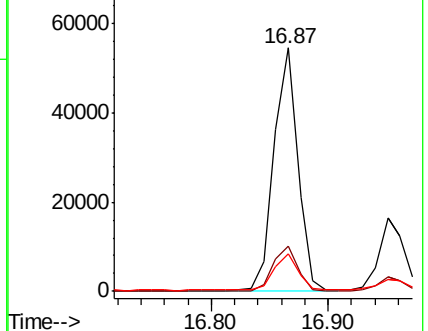
179 15.5 12.3 18.5



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



#23

Anthracene

Concen: 0.168 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

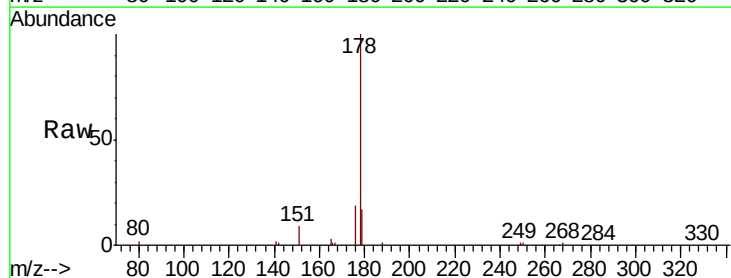
Tgt Ion:178 Resp: 23692

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

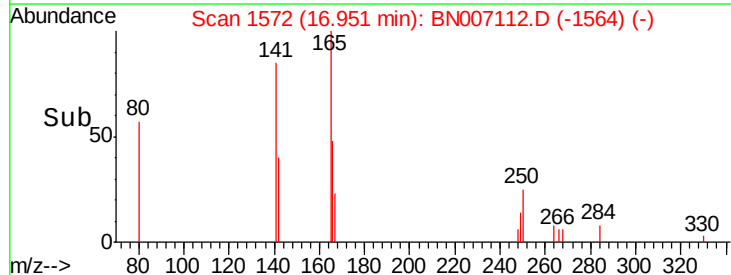
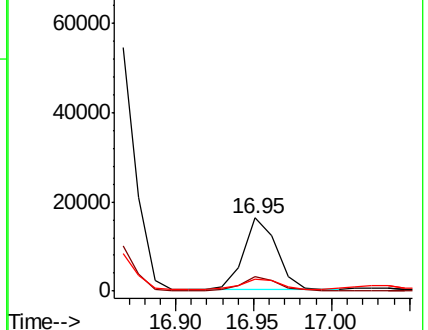
179 17.4 12.5 18.7

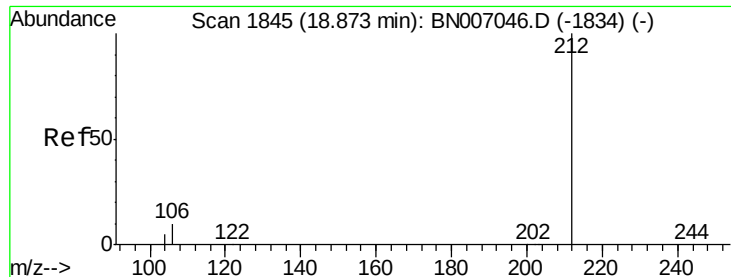


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

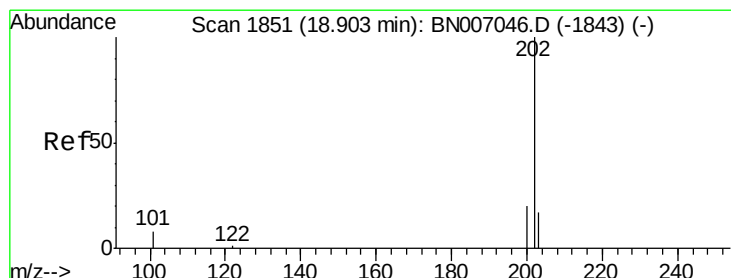
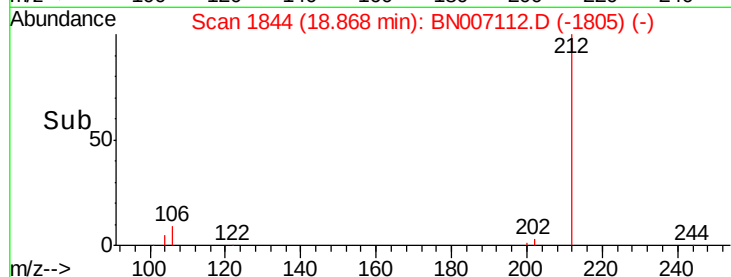
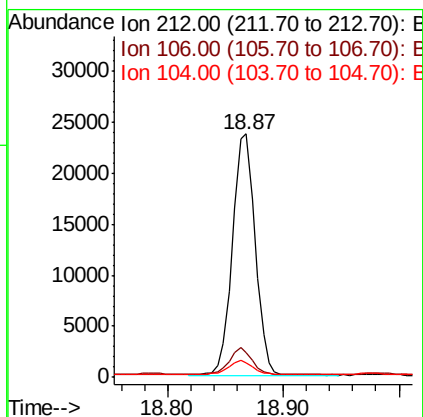
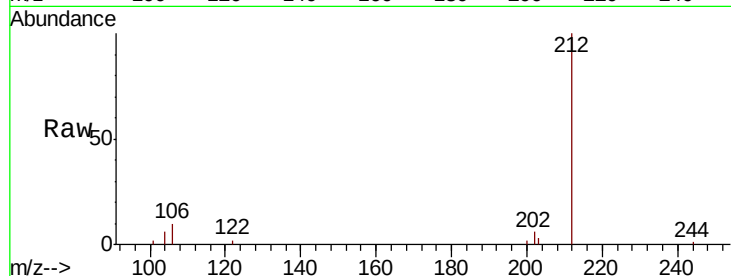




#24
 Fluoranthene-d10
 Concen: 0.177 ng
 RT: 18.87 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BN007112.D
 Acq: 13 Aug 2019 03:18

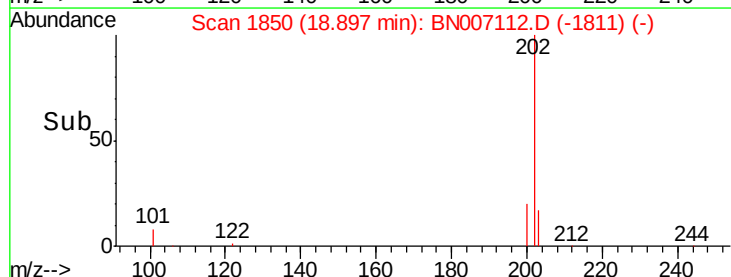
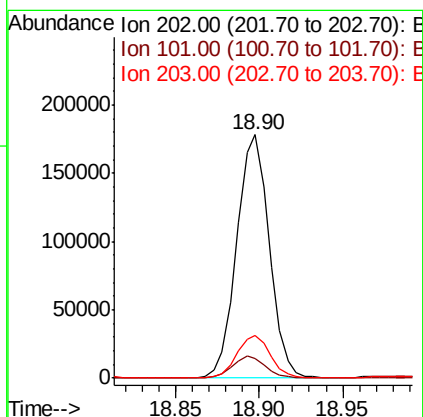
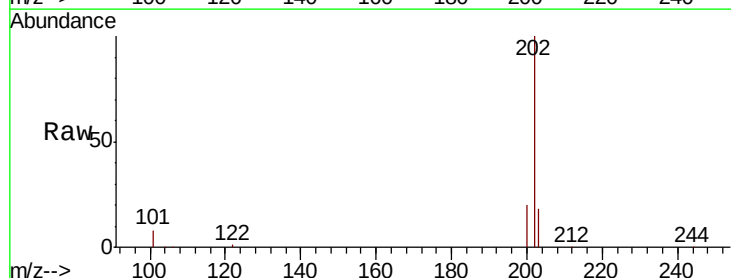
Instrument :
 BNA_N
 ClientSampleId :

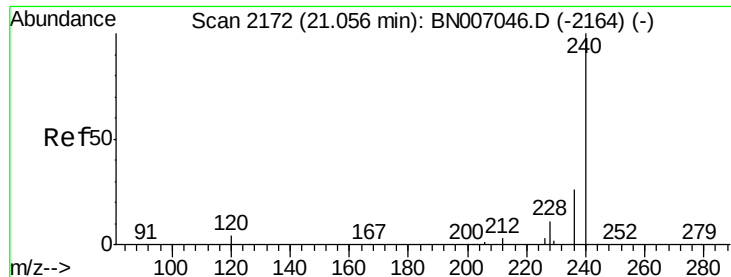
Tot Ion:212 Resp: 32337
 Ion Ratio Lower Upper
 212 100
 106 11.0 8.2 12.2
 104 6.2 4.5 6.7



#25
 Fluoranthene
 Concen: 1.218 ng
 RT: 18.90 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BN007112.D
 Acq: 13 Aug 2019 03:18

Tgt Ion:202 Resp: 240648
 Ion Ratio Lower Upper
 202 100
 101 8.7 7.0 10.4
 203 17.5 13.8 20.8





#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampleId :

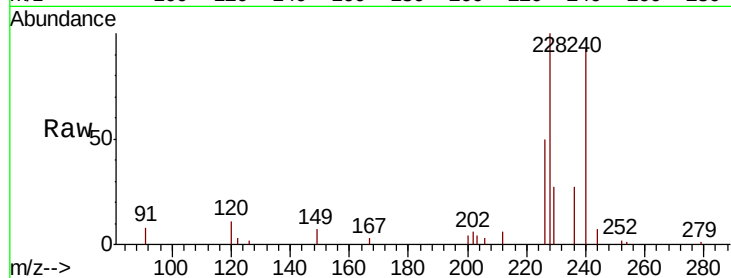
Tot Ion:240 Resp: 51004

Ion Ratio Lower Upper

240 100

120 12.4 4.0 6.0#

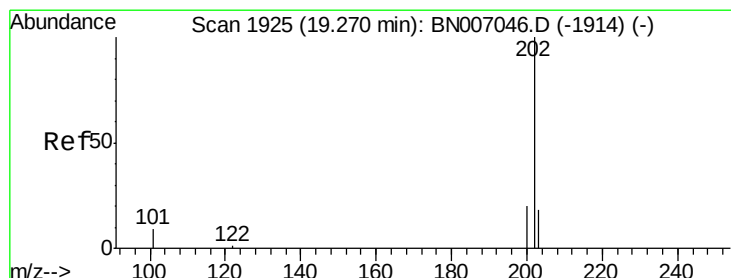
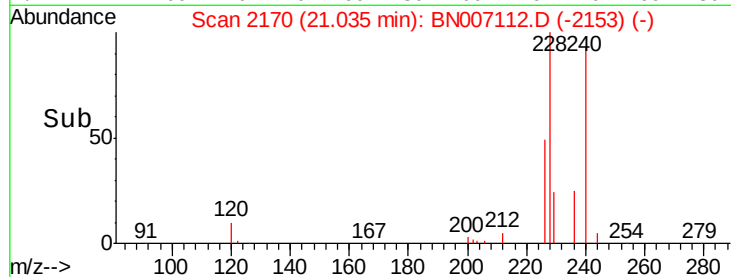
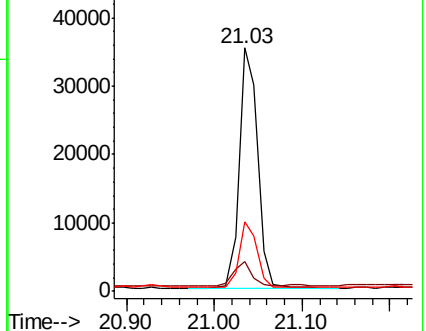
236 28.8 21.3 31.9



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



#27

Pyrene

Concen: 1.291 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

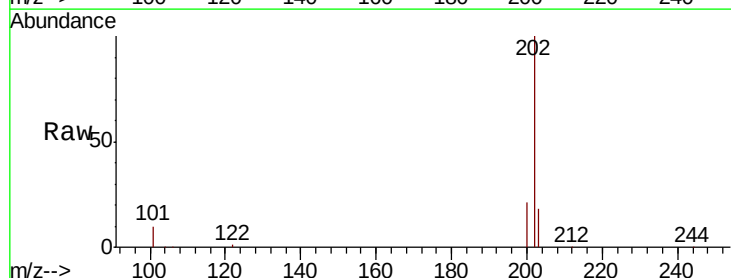
Tgt Ion:202 Resp: 230893

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

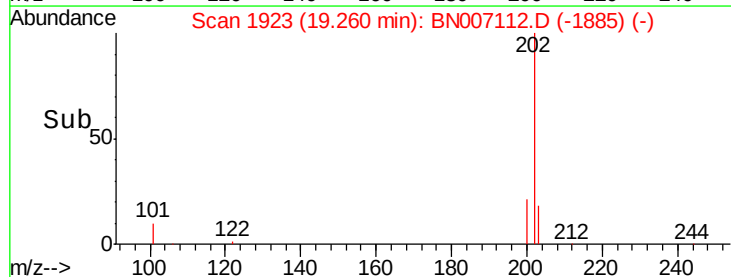
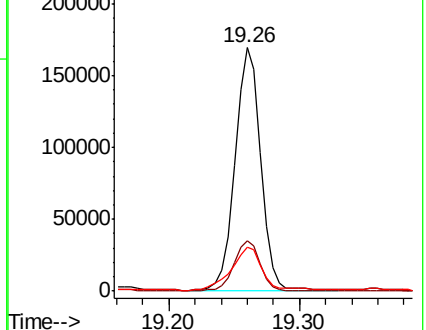
203 20.3 14.0 21.0

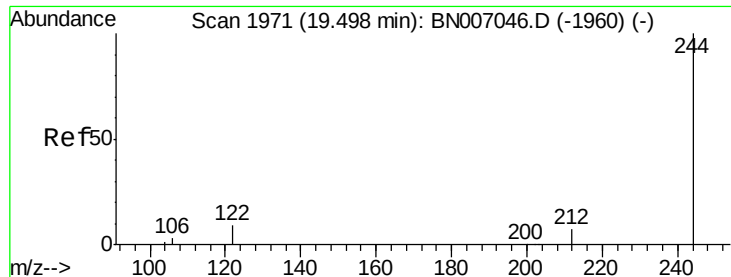


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#28

Terphenyl-d14

Concen: 0.176 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampleId :

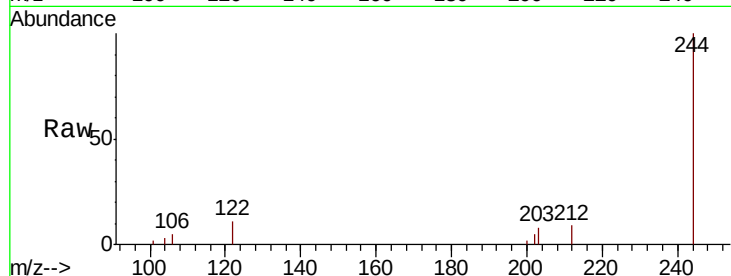
Tot Ion:244 Resp: 24429

Ion Ratio Lower Upper

244 100

212 8.7 6.2 9.2

122 11.5 7.4 11.2#

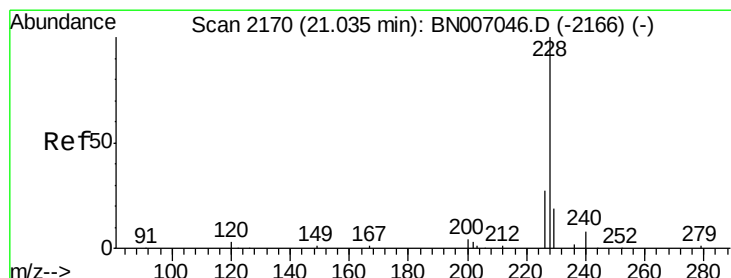
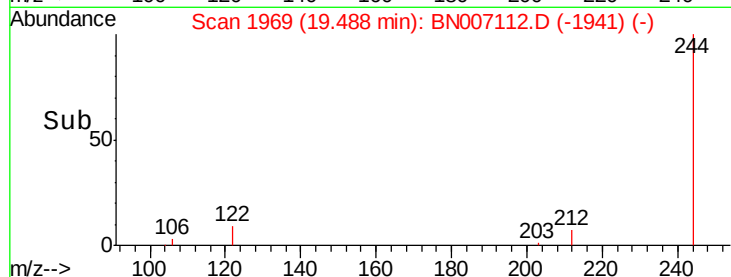
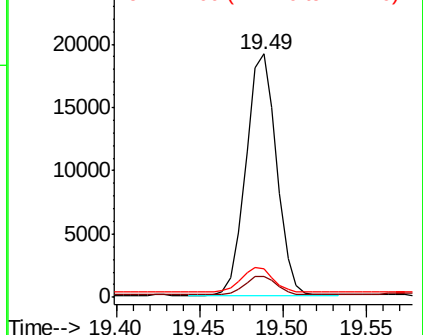


Abundance

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



#29

Benzo(a)anthracene

Concen: 0.849 ng

RT: 21.08 min Scan# 2174

Delta R.T. 0.04 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

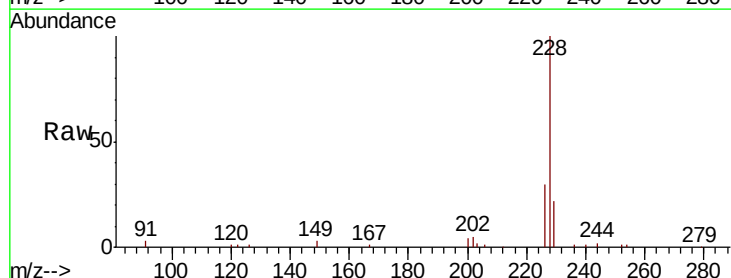
Tgt Ion:228 Resp: 158425

Ion Ratio Lower Upper

228 100

226 29.8 21.8 32.6

229 22.2 15.6 23.4

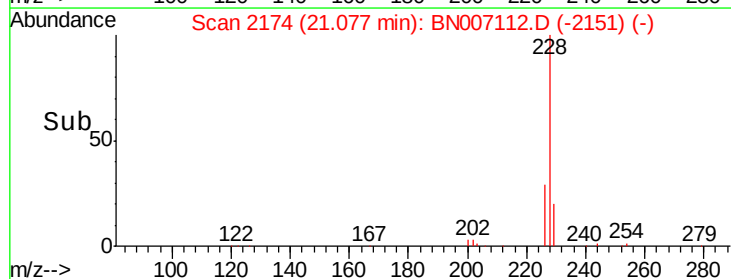
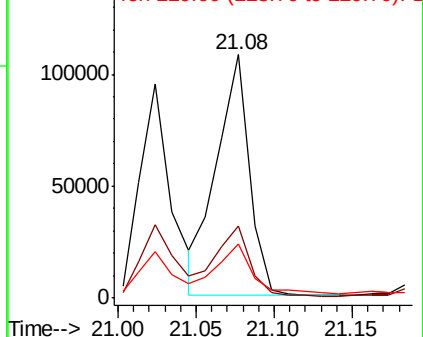


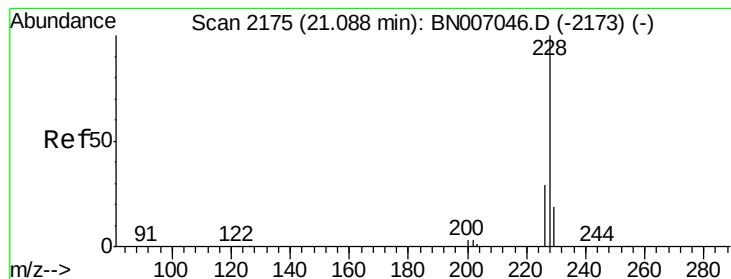
Abundance

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





#30

Chrysene

Concen: 0.874 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampleId :

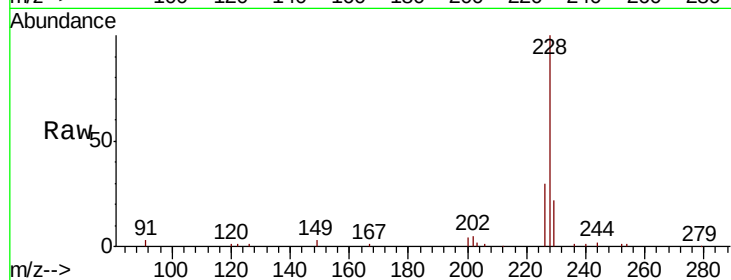
Tot Ion:228 Resp: 158376

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 22.2 15.7 23.5

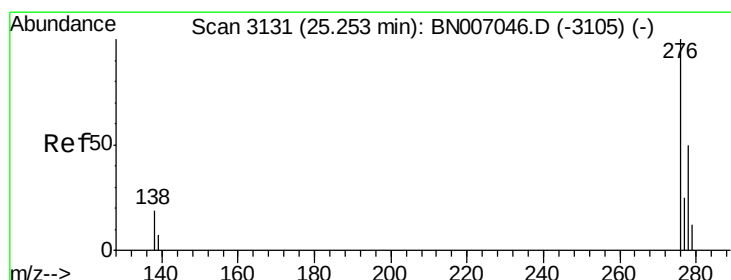
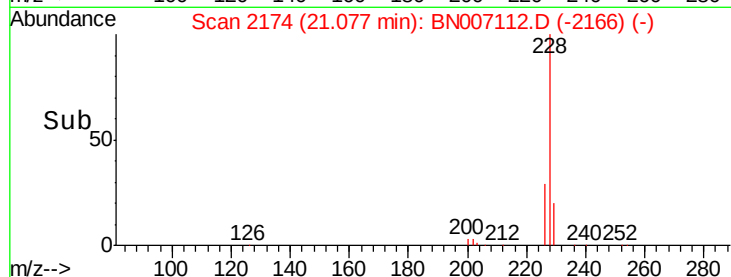
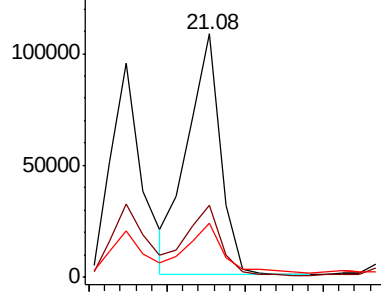


Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 0.613 ng

RT: 25.23 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

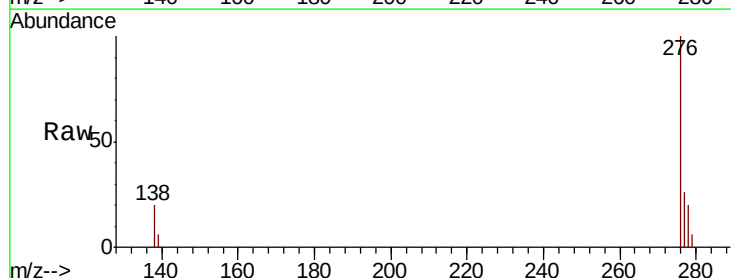
Tgt Ion:276 Resp: 122384

Ion Ratio Lower Upper

276 100

138 19.4 16.0 24.0

277 24.6 19.9 29.9

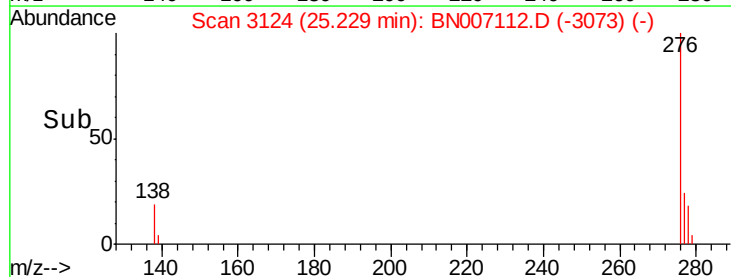
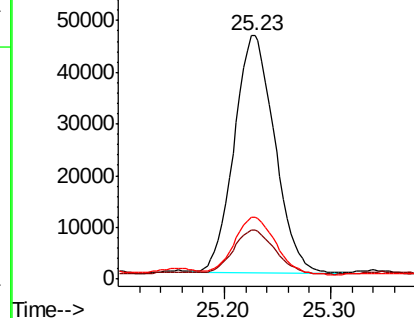


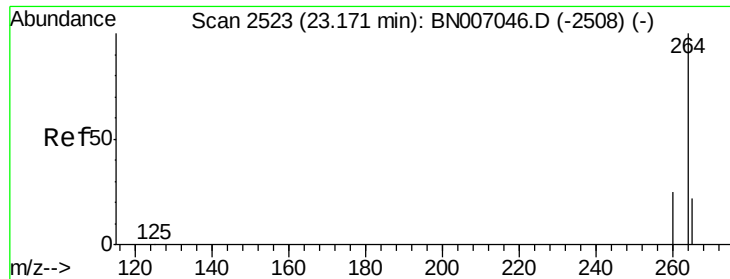
Abundance

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

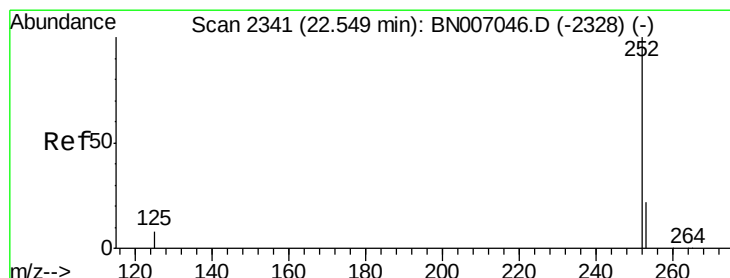
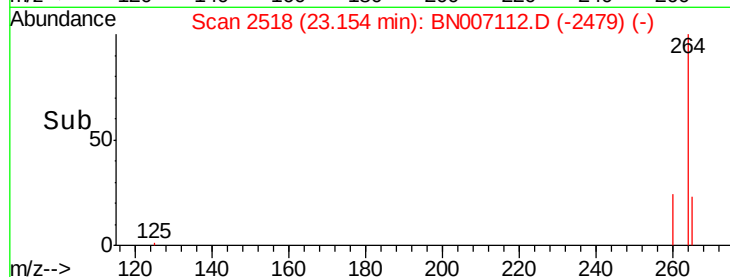
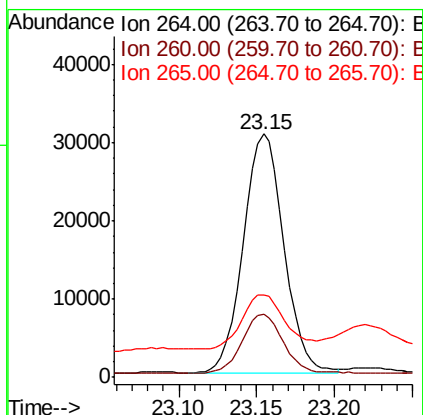
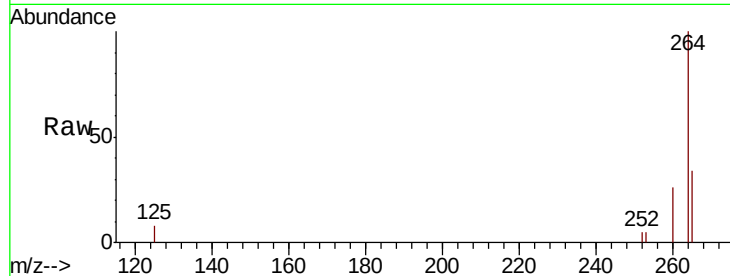




#32
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BN007112.D
 Acq: 13 Aug 2019 03:18

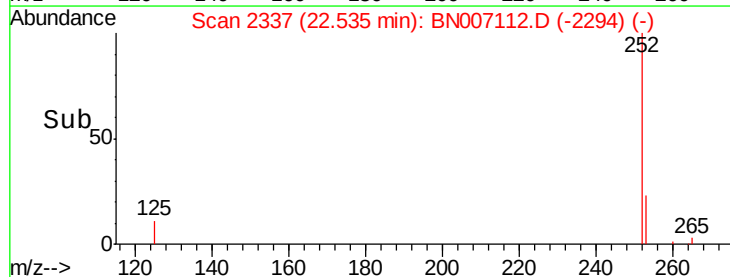
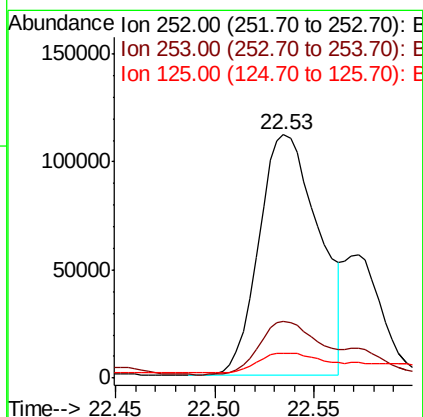
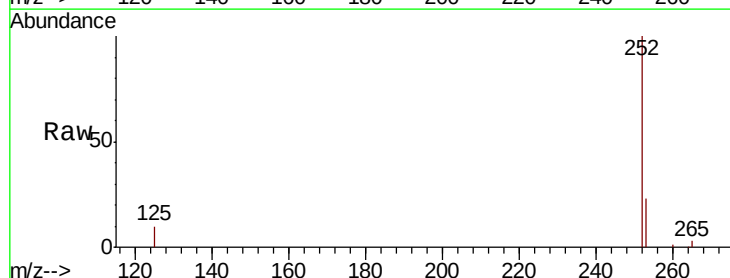
Instrument :
 BNA_N
 ClientSampleId :

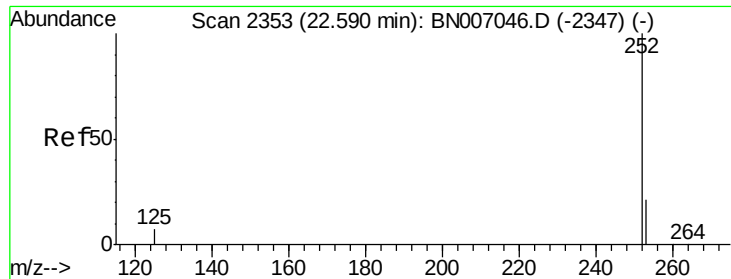
Tot Ion:264 Resp: 55030
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.8 29.8
 265 34.0 26.2 39.4



#33
 Benzo(b)fluoranthene
 Concen: 1.245 ng
 RT: 22.53 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BN007112.D
 Acq: 13 Aug 2019 03:18

Tgt Ion:252 Resp: 234949
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.2 27.2
 125 10.4 7.4 11.0





#34

Benzo(k)fluoranthene

Concen: 1.261 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.05 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

Instrument :

BNA_N

ClientSampleId :

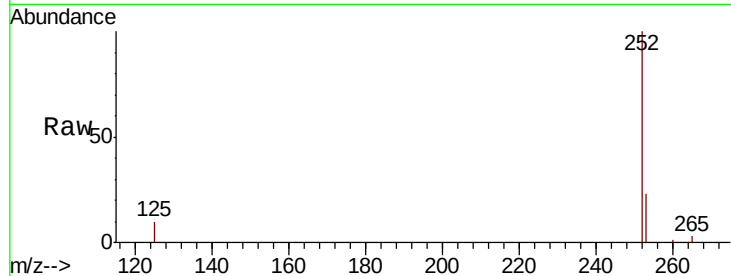
Tot Ion:252 Resp: 234949

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 10.4 7.4 11.0

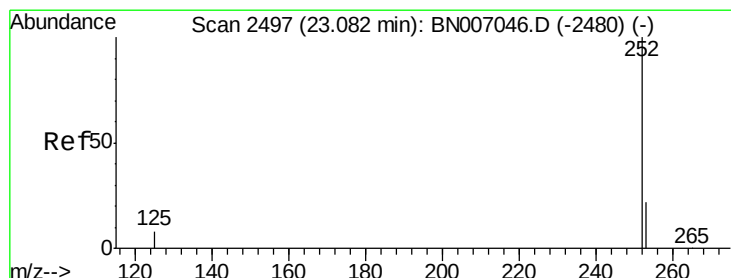
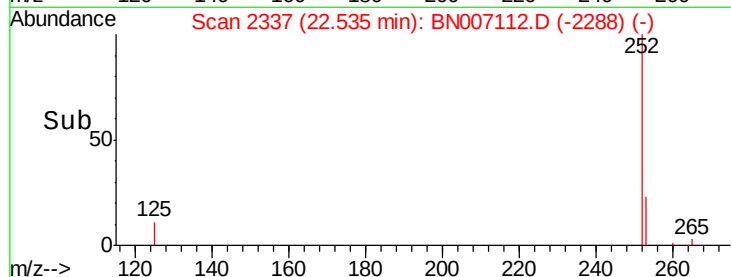
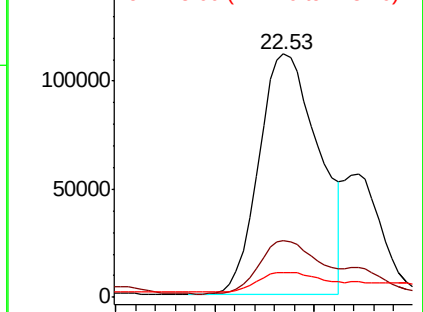


Abundance

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



#35

Benzo(a)pyrene

Concen: 0.855 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007112.D

Acq: 13 Aug 2019 03:18

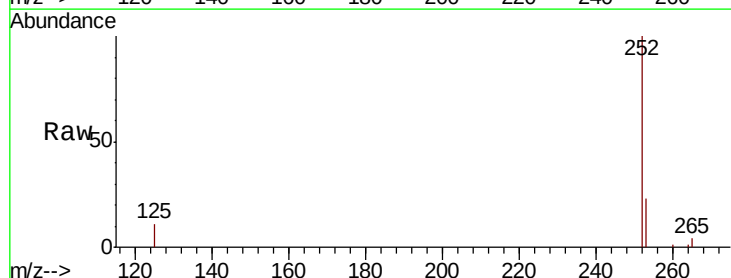
Tgt Ion:252 Resp: 146184

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

125 11.2 8.2 12.4

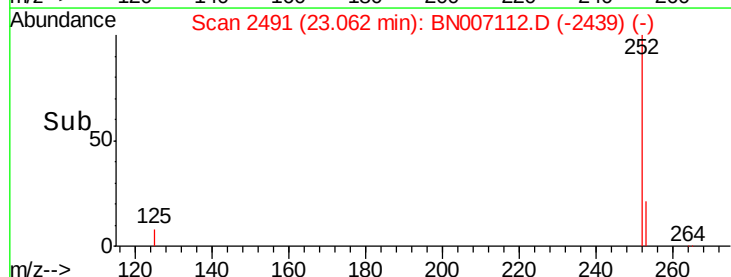
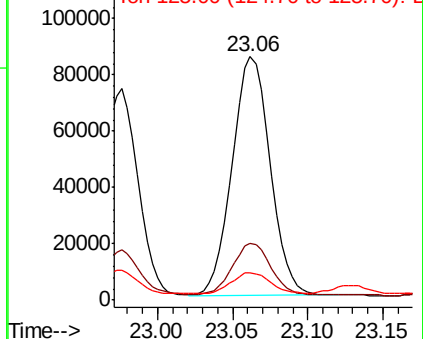


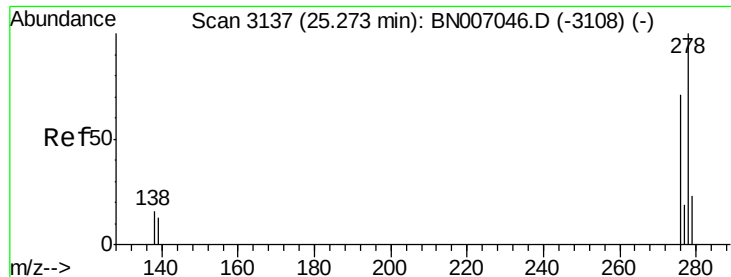
Abundance

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



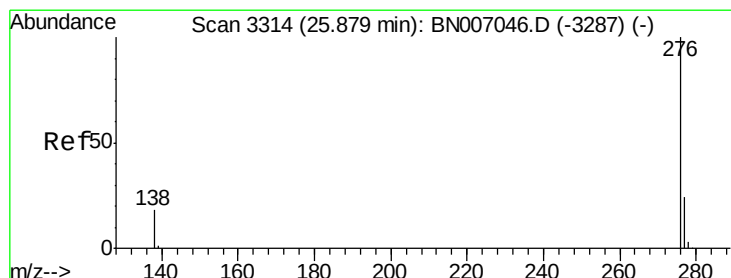
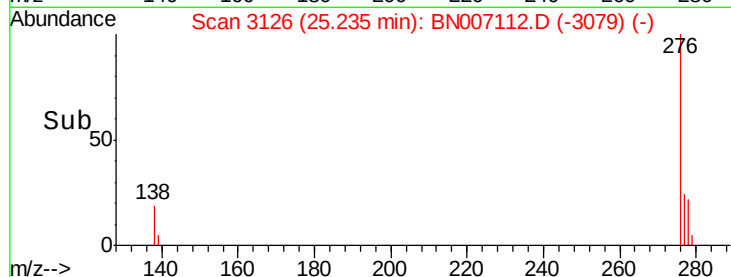
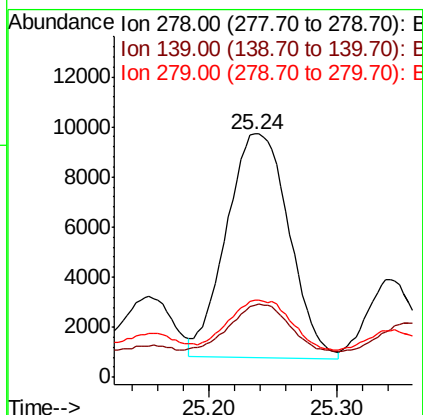
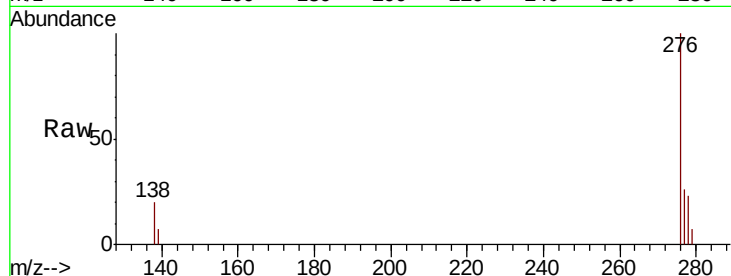


#36
Dibenzo(a,h)anthracene
Concen: 0.177 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.04 min
Lab File: BN007112.D
Acq: 13 Aug 2019 03:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 30293

Ion	Ratio	Lower	Upper
278	100		
139	29.6	11.3	16.9#
279	31.7	19.3	28.9#



#37
Benzo(g,h,i)perylene
Concen: 0.748 ng
RT: 25.85 min Scan# 3307
Delta R.T. -0.02 min
Lab File: BN007112.D
Acq: 13 Aug 2019 03:18

Tgt Ion:276 Resp: 131344

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	20.0	14.6	22.0

