

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115214.D
 Acq On : 26 Jun 2019 11:35
 Operator : HP/JU
 Sample : K3164-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 12:11:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

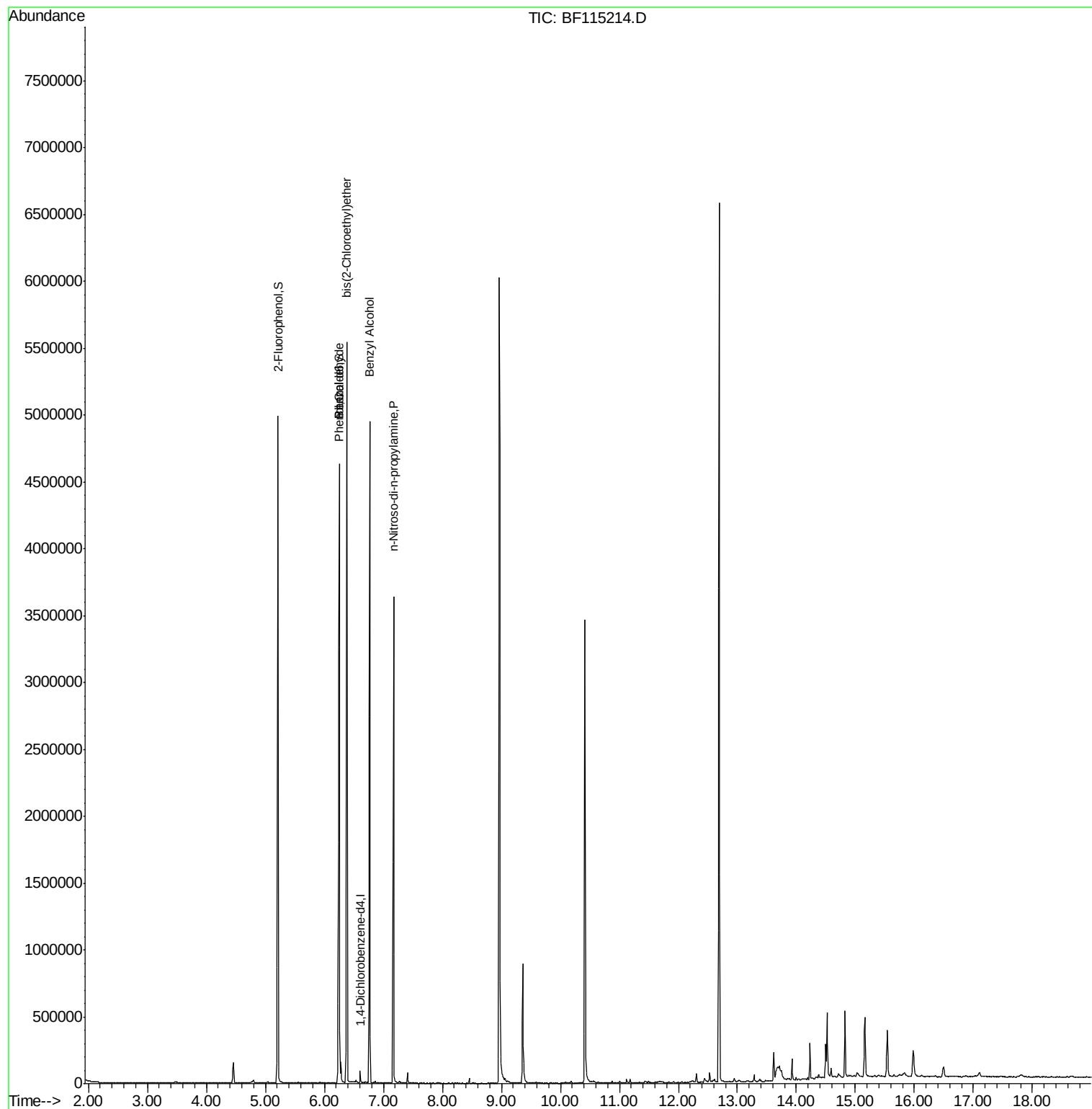
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	12501	20.00	ng	-0.01
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.90
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.65
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.12
76) Chrysene-d12	0.00	240	0	0.00	ng	-13.75
87) Perylene-d12	0.00	264	0	0.00	ng	-15.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1620495	2000.40	ng	0.00
7) Phenol-d6	6.25	99	2023164	2057.64	ng	0.00
23) Nitrobenzene-d5	7.17	82	1209188	0.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	490579	0.00	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2170368	0.00	ng	-0.02
79) Terphenyl-d14	12.69	244	2481914	0.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.25	77	3154	4.917	ng	# 1
10) Phenol	6.26	94	17320	15.038	ng	# 96
11) bis(2-Chloroethyl)ether	6.38	93	2213	2.607	ng	# 1
15) Benzyl Alcohol	6.77	79	19028	26.577	ng	# 41
19) n-Nitroso-di-n-propylamine	7.17	70	160119	254.364	ng	# 77

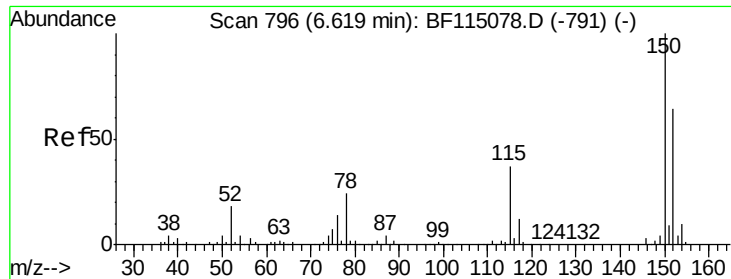
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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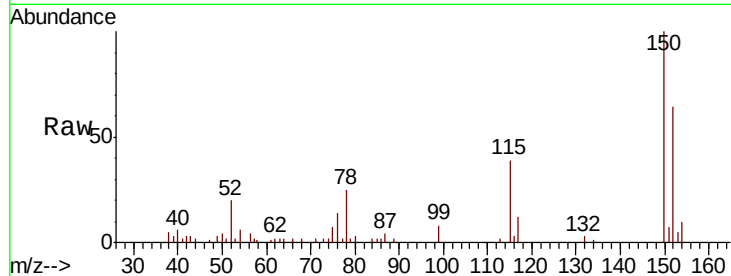


#1

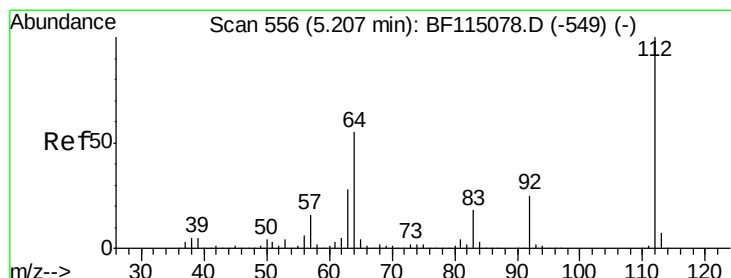
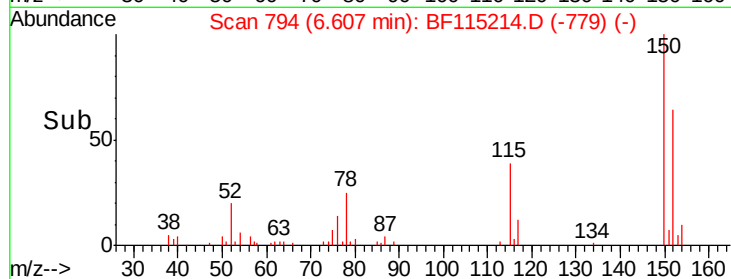
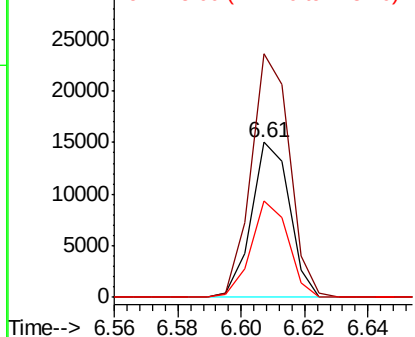
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115214.D
Acq: 26 Jun 2019 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 12501
Ion Ratio Lower Upper
152 100
150 157.3 124.2 186.2
115 62.0 46.1 69.1



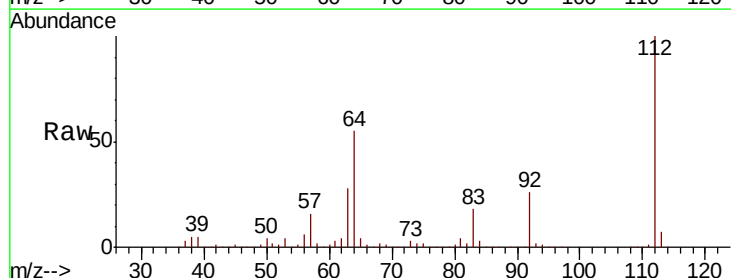
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



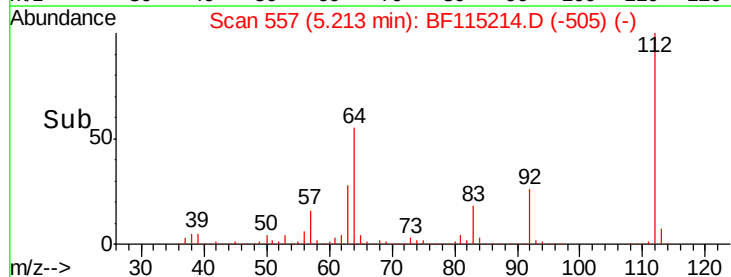
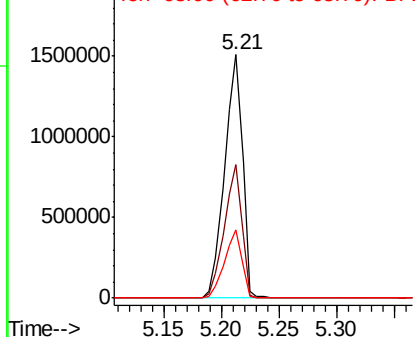
#5

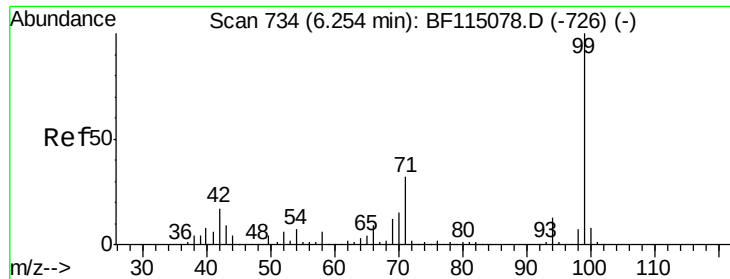
2-Fluorophenol
Concen: 2000.398 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115214.D
Acq: 26 Jun 2019 11:35

Tgt Ion:112 Resp: 1620495
Ion Ratio Lower Upper
112 100
64 54.8 43.8 65.6
63 28.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 2057.637 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115214.D

Acq: 26 Jun 2019 11:35

Instrument :

BNA_F

ClientSampleId :

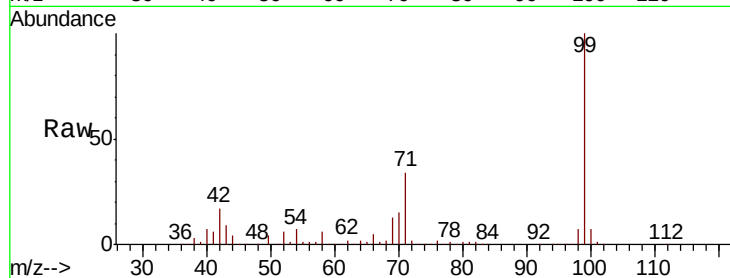
Tot Ion: 99 Resp: 2023164

Ion Ratio Lower Upper

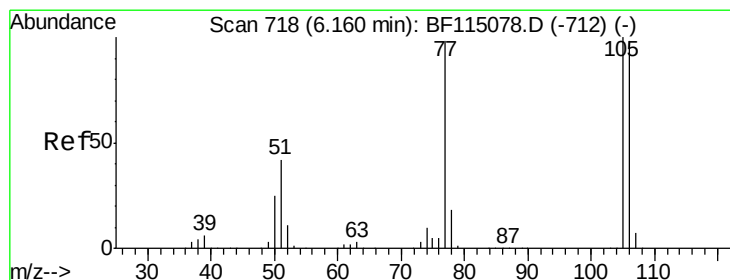
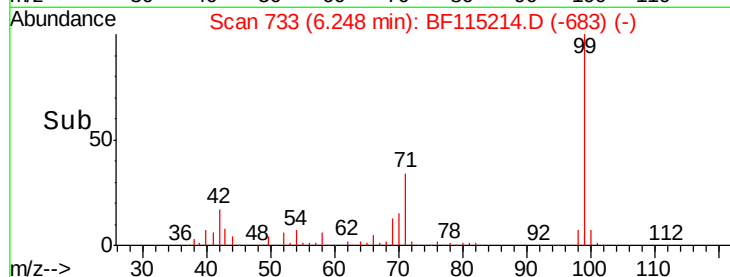
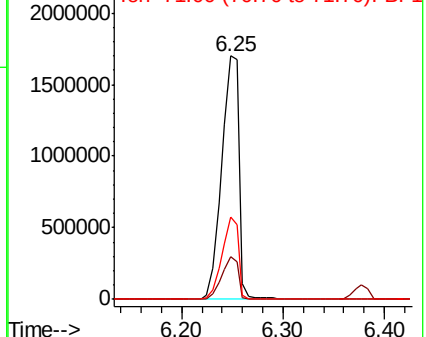
99 100

42 17.4 13.6 20.4

71 33.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 4.917 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.09 min

Lab File: BF115214.D

Acq: 26 Jun 2019 11:35

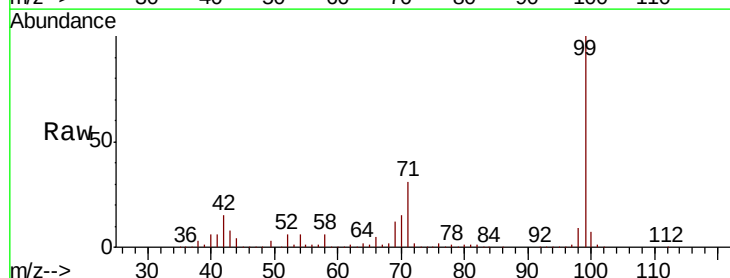
Tgt Ion: 77 Resp: 3154

Ion Ratio Lower Upper

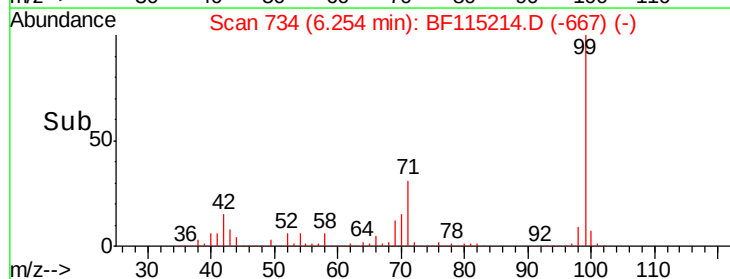
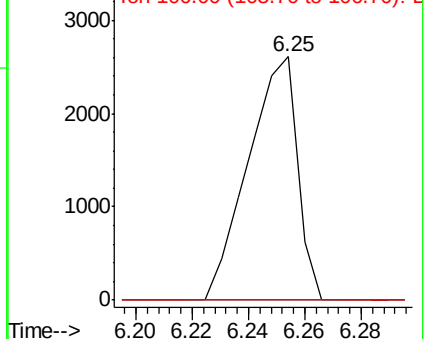
77 100

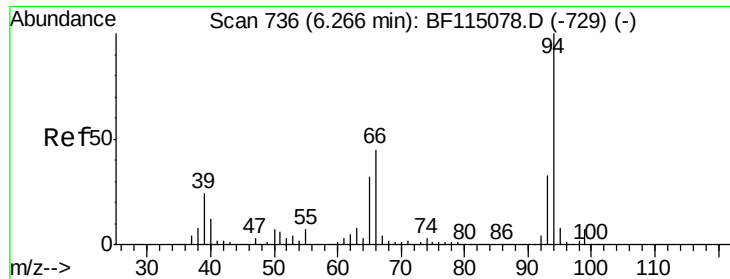
105 0.0 81.5 121.5#

106 0.0 79.7 119.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 15.038 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115214.D

Acq: 26 Jun 2019 11:35

Instrument :

BNA_F

ClientSampled :

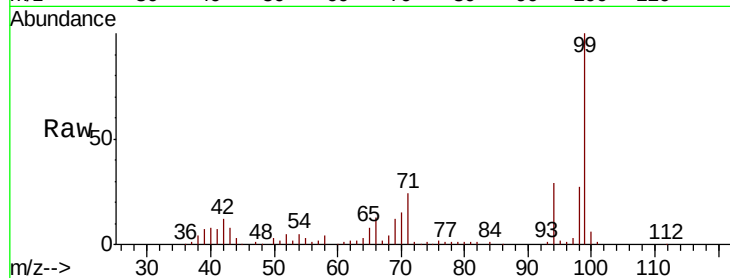
Tot Ion: 94 Resp: 17320

Ion Ratio Lower Upper

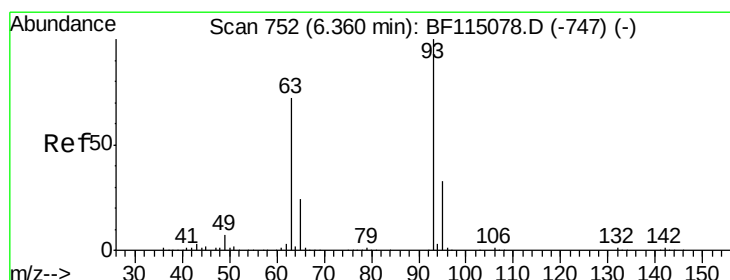
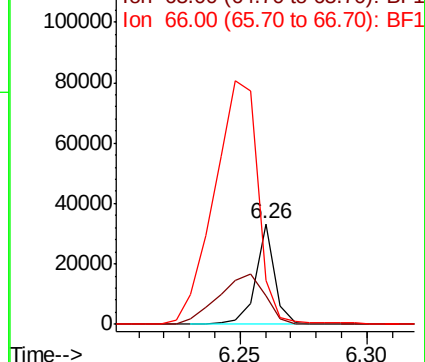
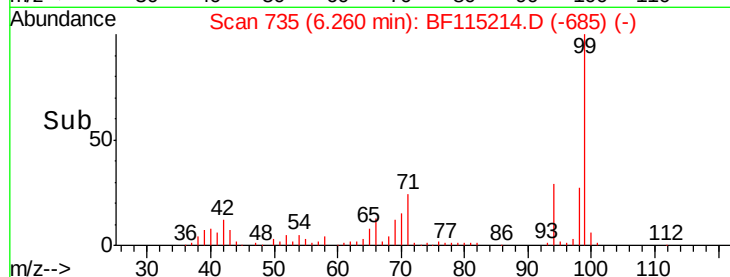
94 100

65 28.6 11.9 51.9

66 43.2 25.2 65.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 2.607 ng

RT: 6.38 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF115214.D

Acq: 26 Jun 2019 11:35

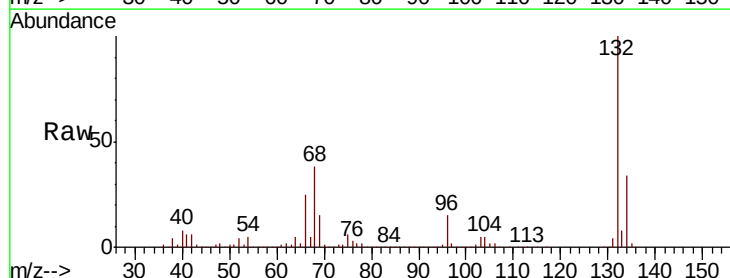
Tgt Ion: 93 Resp: 2213

Ion Ratio Lower Upper

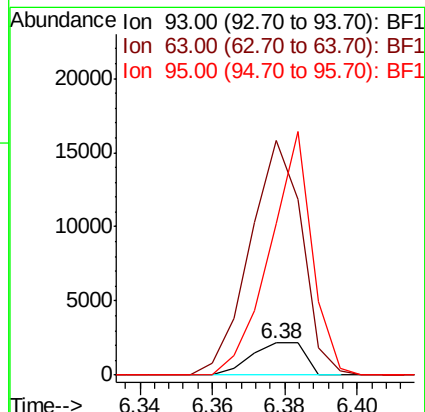
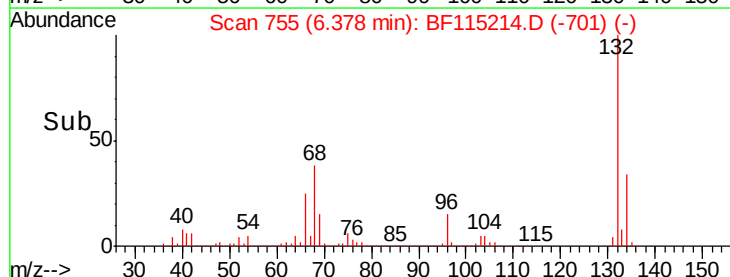
93 100

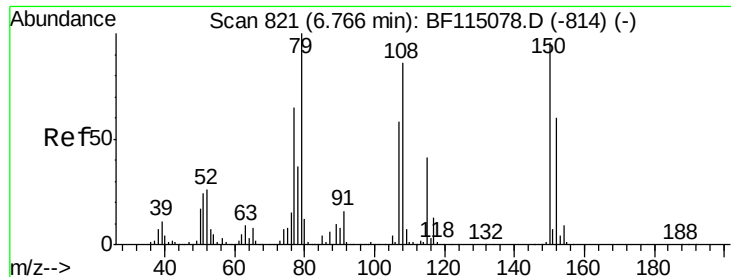
63 726.7 51.5 91.5#

95 467.8 13.4 53.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 26.577 ng

RT: 6.77 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115214.D

Acq: 26 Jun 2019 11:35

Instrument :

BNA_F

ClientSampleId :

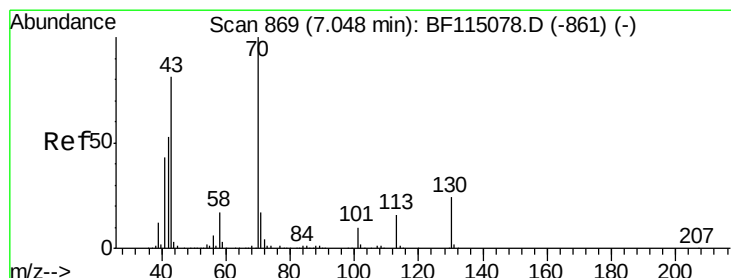
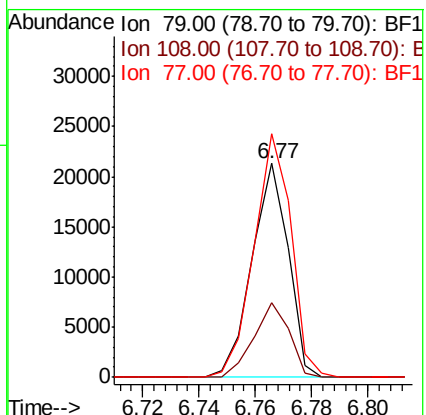
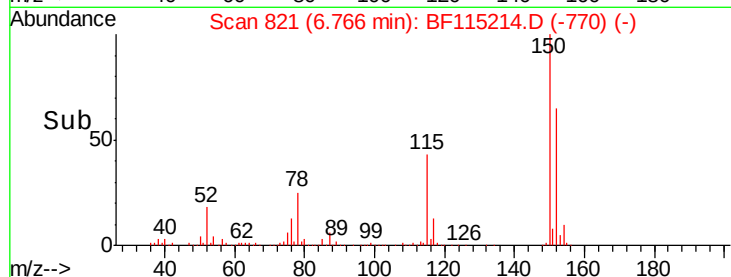
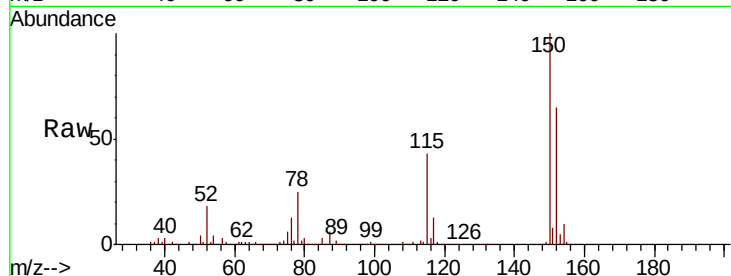
Tot Ion: 79 Resp: 19028

Ion Ratio Lower Upper

79 100

108 34.9 68.7 103.1#

77 113.8 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 254.364 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115214.D

Acq: 26 Jun 2019 11:35

Tgt Ion: 70 Resp: 160119

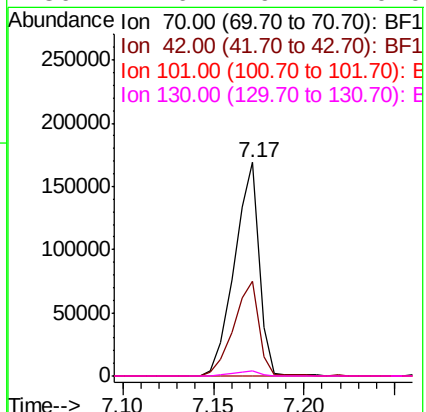
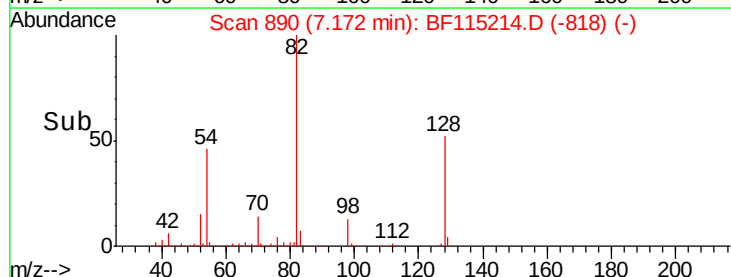
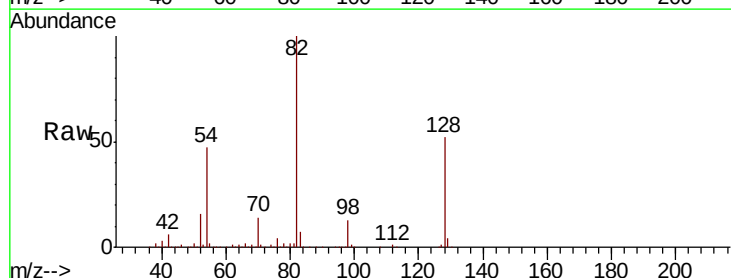
Ion Ratio Lower Upper

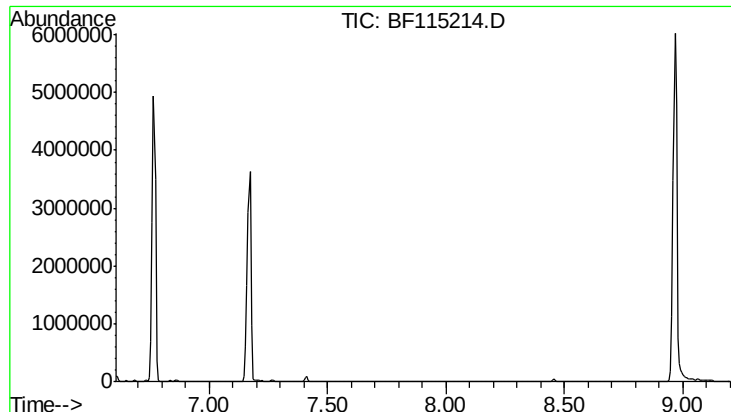
70 100

42 44.2 42.6 63.8

101 0.0 8.0 12.0#

130 2.6 19.4 29.0#

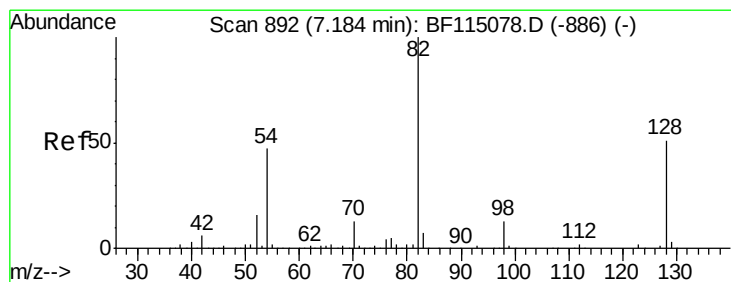
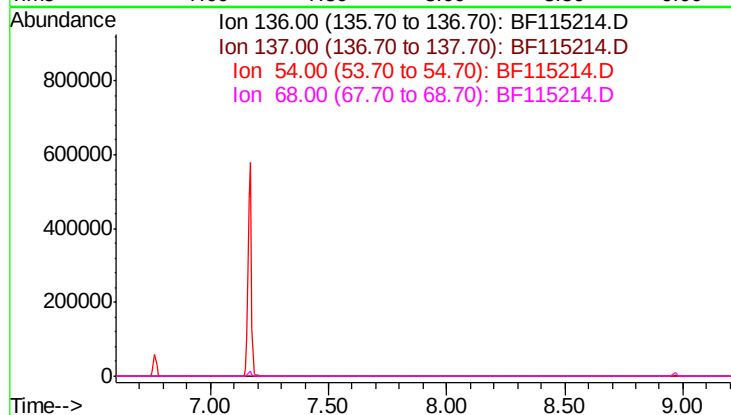




#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 7.90 min
Lab File: BF115214.D
Acq: 26 Jun 2019 11:35

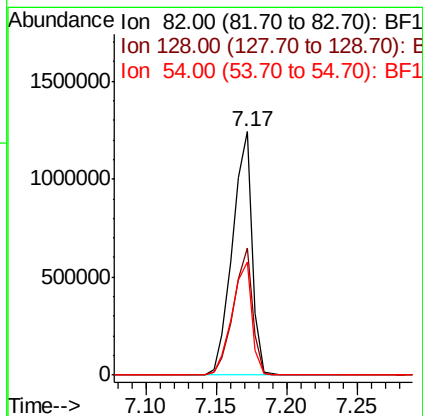
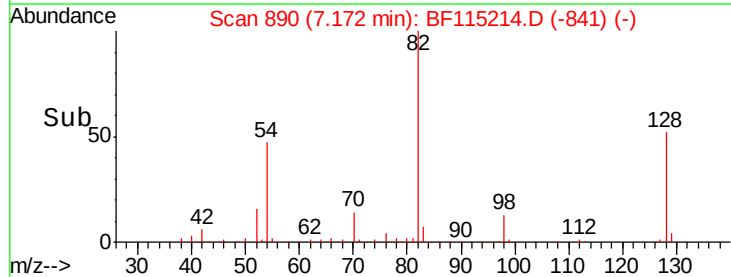
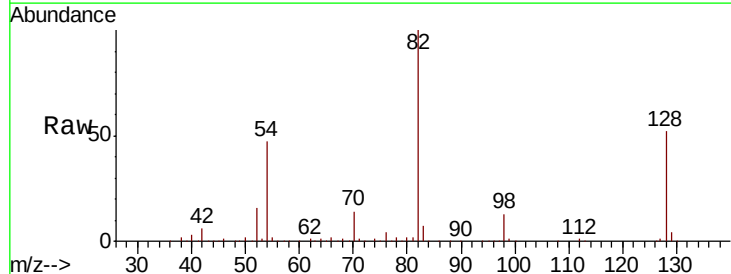
Instrument :
BNA_F
ClientSampleId :

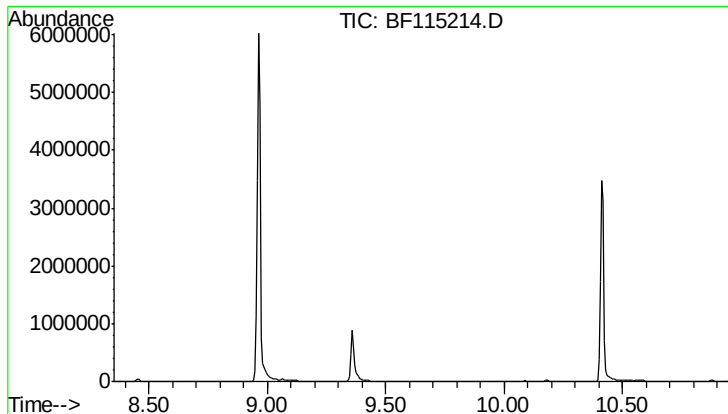
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 7.0
68 6.0



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115214.D
Acq: 26 Jun 2019 11:35

Tgt Ion: 82 Resp: 1209188
Ion Ratio Lower Upper
82 100
128 52.0 40.4 60.6
54 46.6 37.5 56.3





#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 9.65 min

Lab File: BF115214.D

Acq: 26 Jun 2019 11:35

Tot Ion: 164

Sig Exp Ratio

164 100

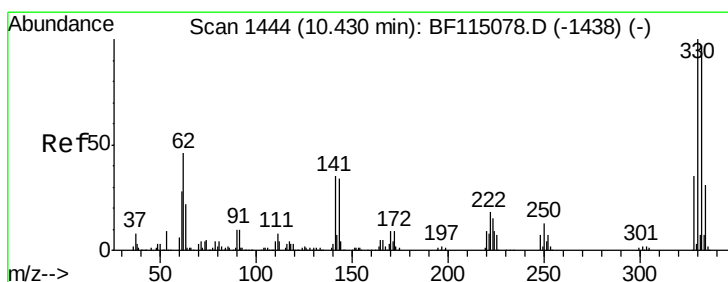
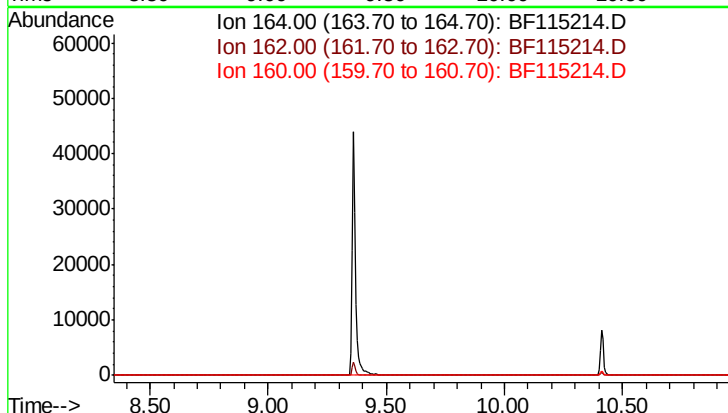
162 102.1

160 46.2

Instrument :

BNA_F

ClientSampleId :



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115214.D

Acq: 26 Jun 2019 11:35

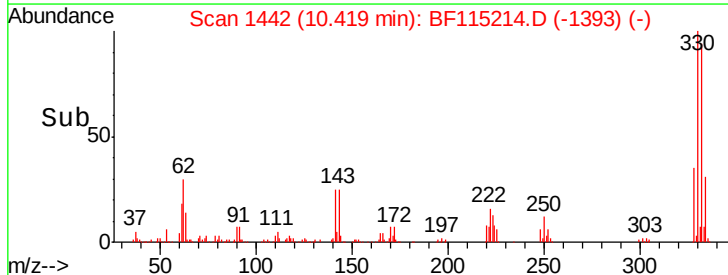
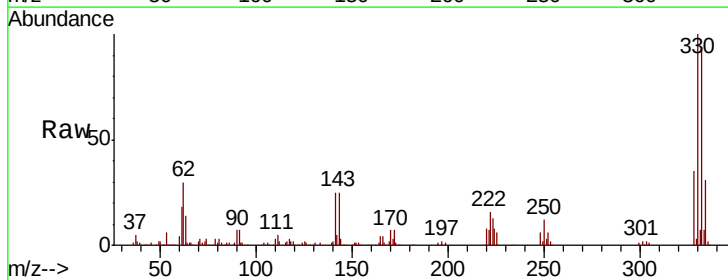
Tgt Ion: 330 Resp: 490579

Ion Ratio Lower Upper

330 100

332 93.8 77.3 115.9

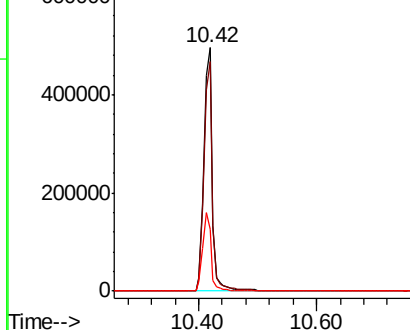
141 32.6 28.2 42.2

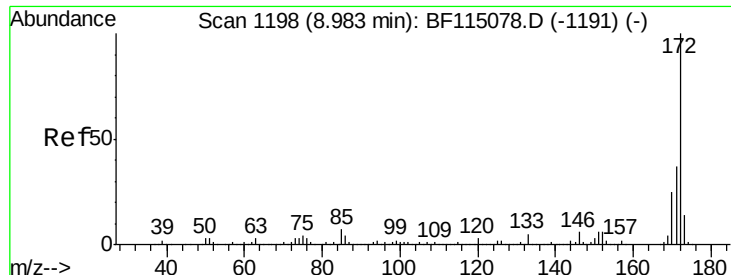


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



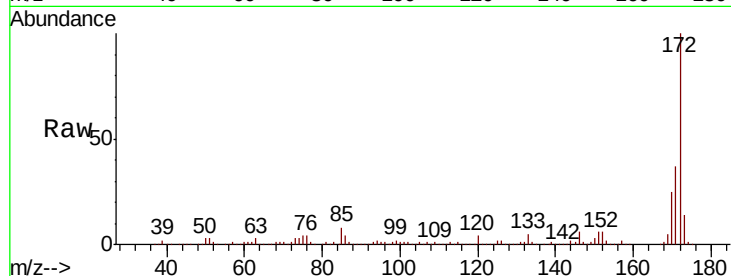


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115214.D
 Acq: 26 Jun 2019 11:35

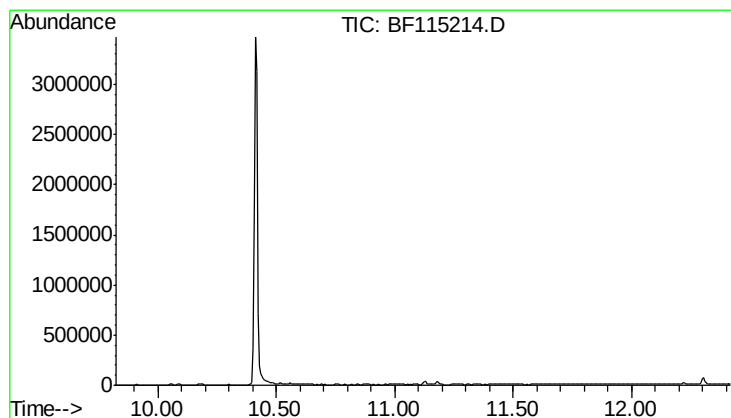
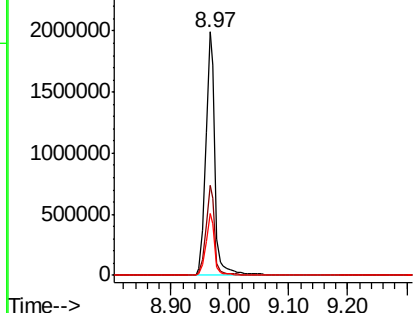
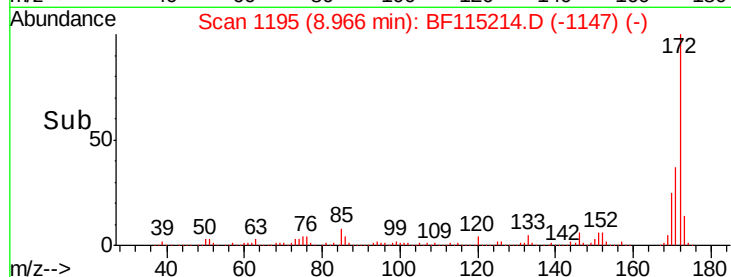
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2170368

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.2	20.3	30.5



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

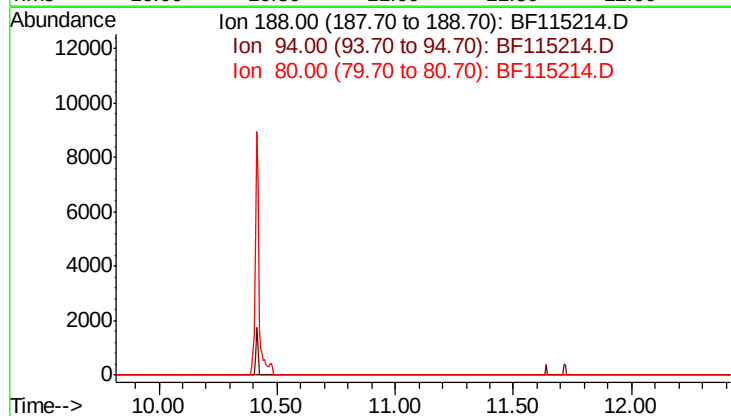


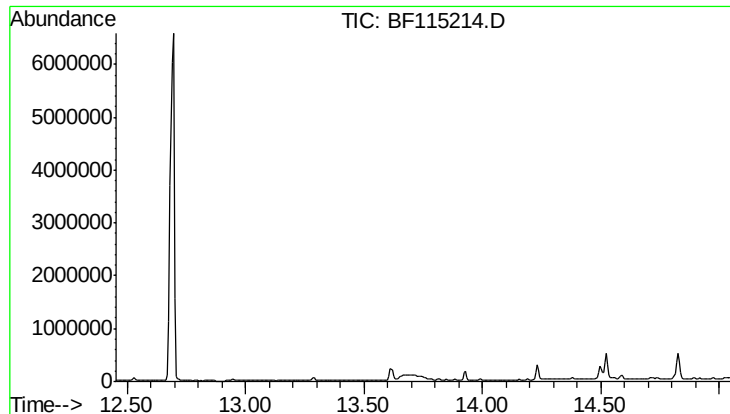
#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.12 min

Lab File: BF115214.D
 Acq: 26 Jun 2019 11:35

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	10.7
80	11.0

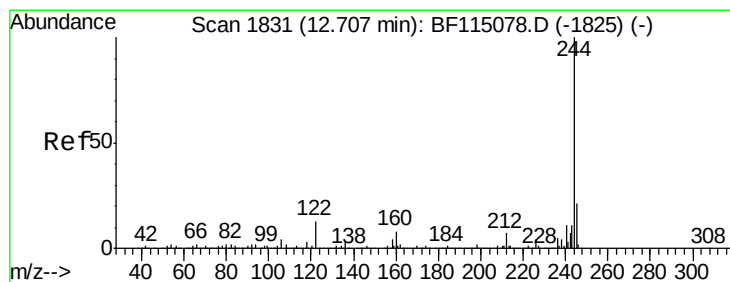
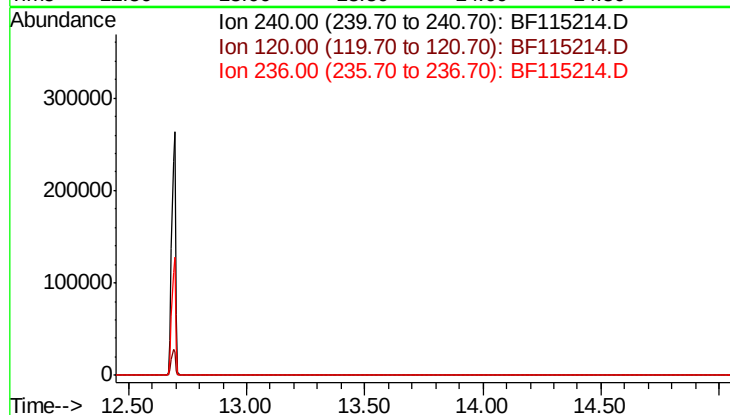




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 13.75 min
 Lab File: BF115214.D
 Acq: 26 Jun 2019 11:35

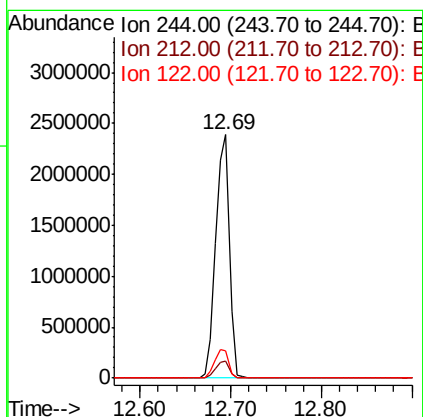
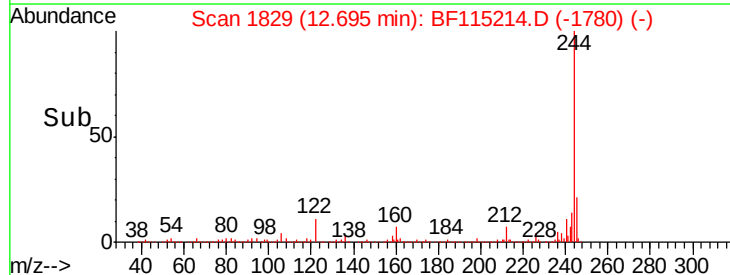
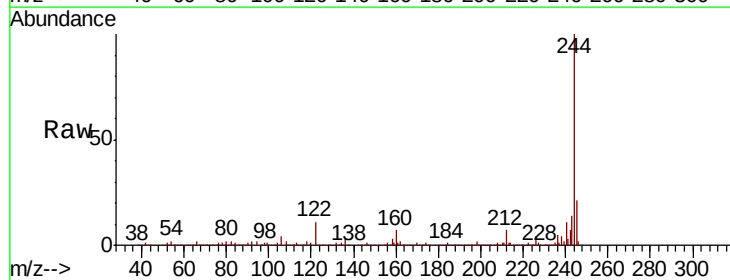
Instrument :
 BNA_F
 ClientSampleId :

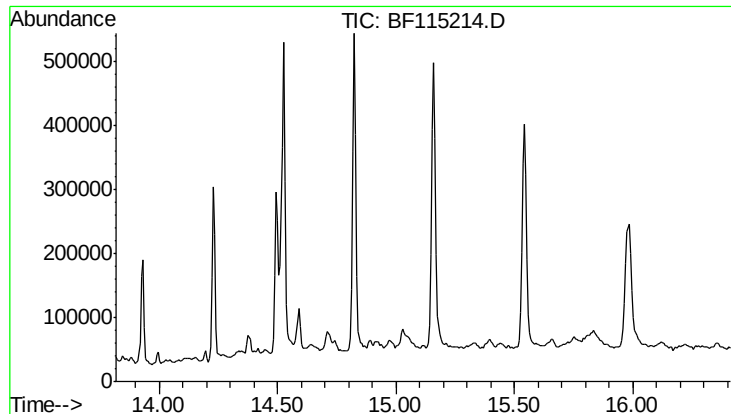
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.8
 236 27.1



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115214.D
 Acq: 26 Jun 2019 11:35

Tgt Ion:244 Resp: 2481914
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.5 10.4 15.6





#87
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.11 min
Lab File: BF115214.D
Acq: 26 Jun 2019 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264
Sia Exp Ratio
264 100
260 24.5
265 21.6

