

Data File : BF115301.D
Acq On : 29 Jun 2019 00:08
Operator : HP/JU
Sample : K3526-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Quant Time: Jun 29 02:40:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

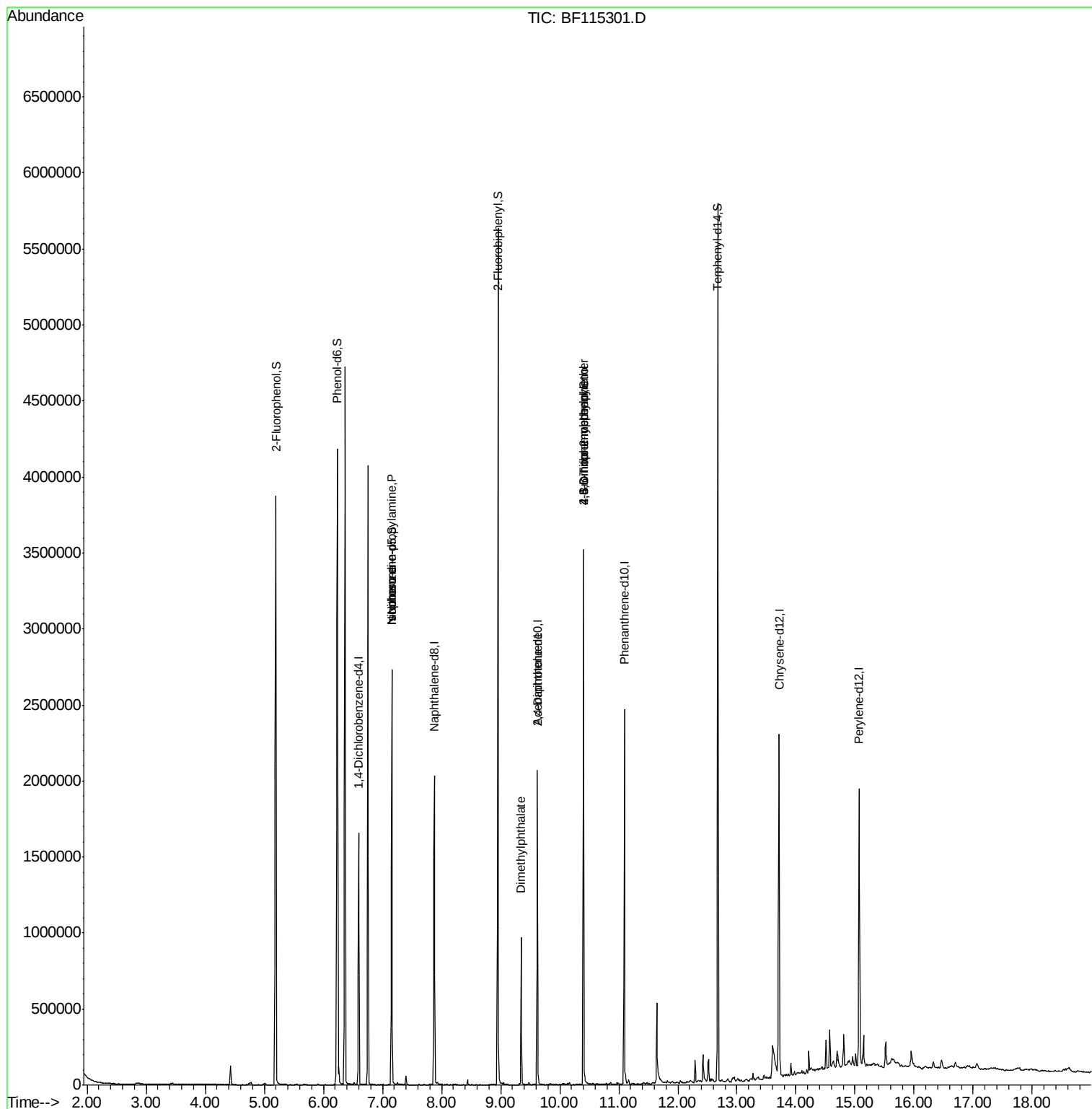
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	229852	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	882966	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	441475	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	882161	20.00	ng	0.00
76) Chrysene-d12	13.71	240	716513	20.00	ng	0.00
87) Perylene-d12	15.07	264	724128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1264405	84.89	ng	0.00
7) Phenol-d6	6.24	99	1626043	89.94	ng	0.00
23) Nitrobenzene-d5	7.16	82	955975	66.60	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	471907	101.37	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1710186	65.80	ng	0.00
79) Terphenyl-d14	12.68	244	1938099	57.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	126285	10.911	ng	# 77
25) Isophorone	7.16	82	949439	32.290	ng	# 63
50) Dimethylphthalate	9.35	163	351312	10.816	ng	# 98
57) 2,4-Dinitrotoluene	9.62	165	56092	5.793	ng	# 30
58) Fluorene	10.40	166	22070	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	919	5.135	ng	# 1
67) 4-Bromophenyl-phenylether	10.40	248	29413	3.075	ng	# 1

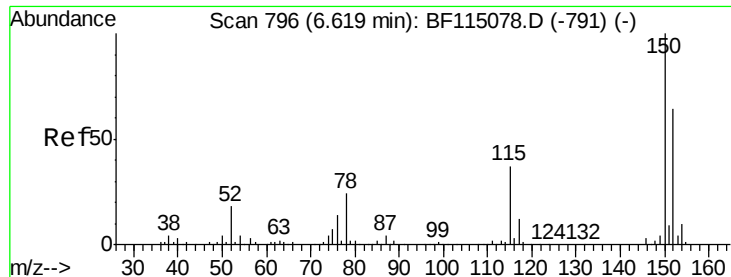
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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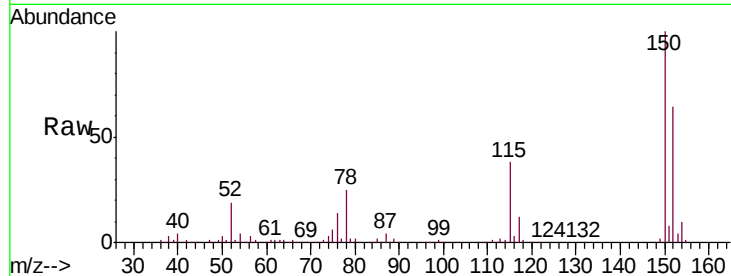


#1

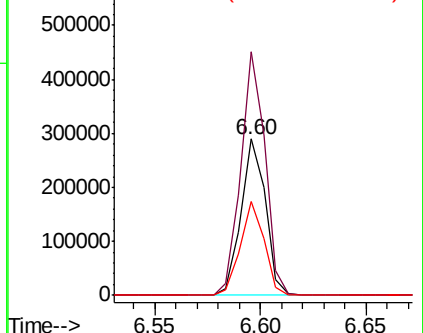
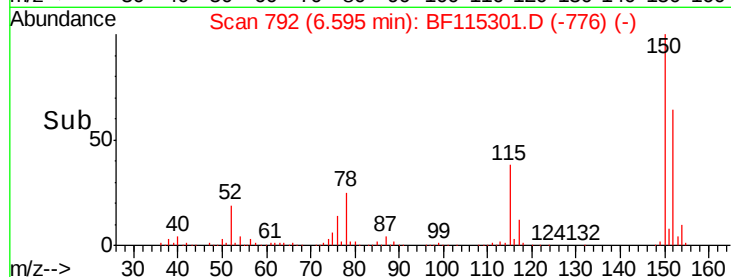
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115301.D
 Acq: 29 Jun 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:152 Resp: 229852
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.2 186.2
 115 59.9 46.1 69.1



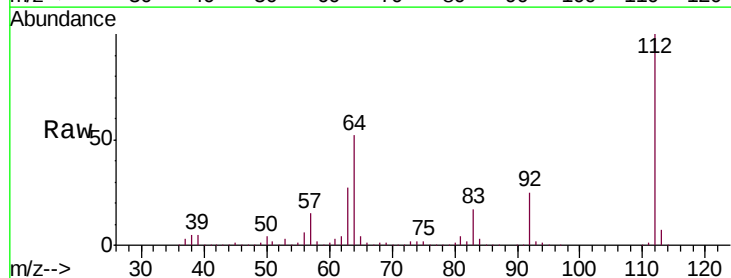
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



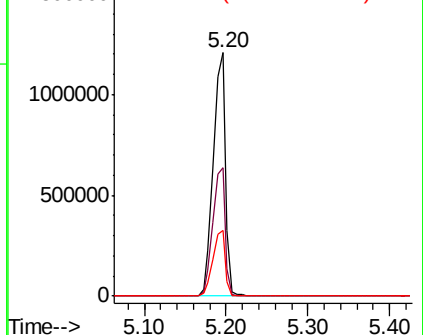
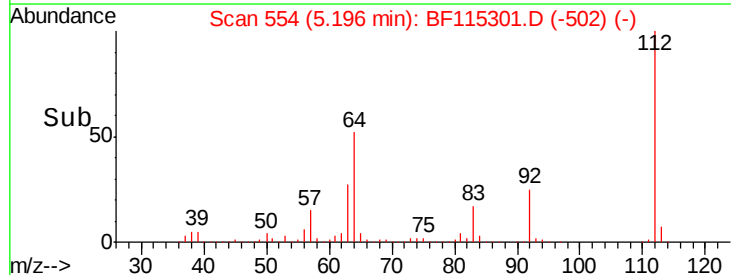
#5

2-Fluorophenol
 Concen: 84.889 ng
 RT: 5.20 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF115301.D
 Acq: 29 Jun 2019 00:08

Tgt Ion:112 Resp: 1264405
 Ion Ratio Lower Upper
 112 100
 64 52.5 43.8 65.6
 63 27.0 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: 89.943 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115301.D

Acq: 29 Jun 2019 00:08

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

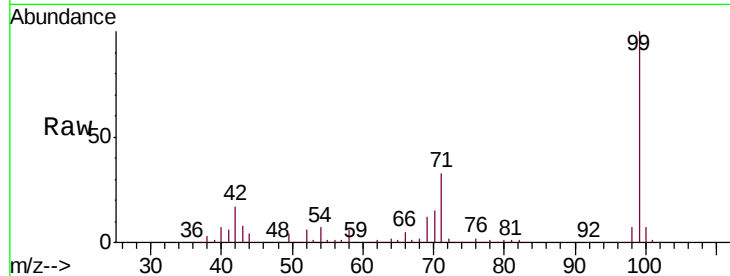
Tgt Ion: 99 Resp: 1626043

Ion Ratio Lower Upper

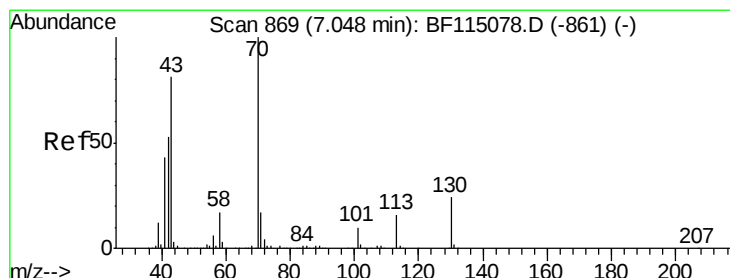
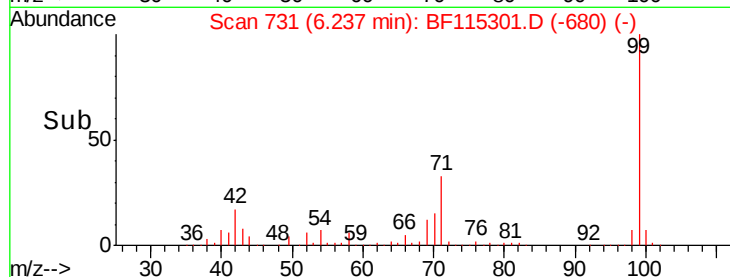
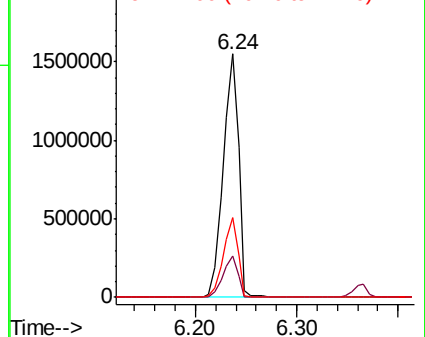
99 100

42 16.9 13.6 20.4

71 32.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.911 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF115301.D

Acq: 29 Jun 2019 00:08

Tgt Ion: 70 Resp: 126285

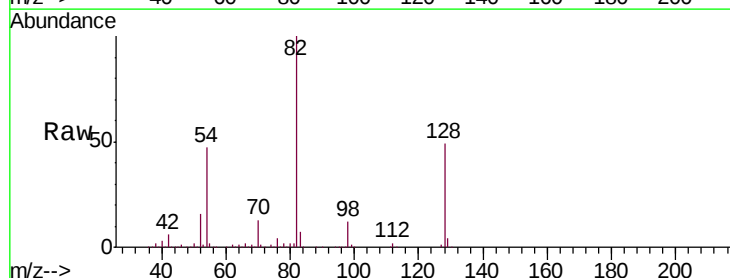
Ion Ratio Lower Upper

70 100

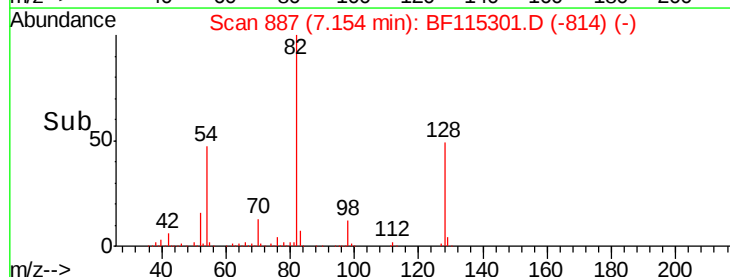
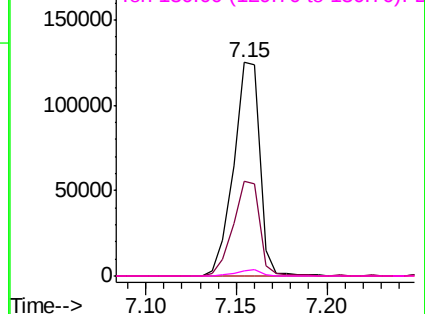
42 44.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.6 19.4 29.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

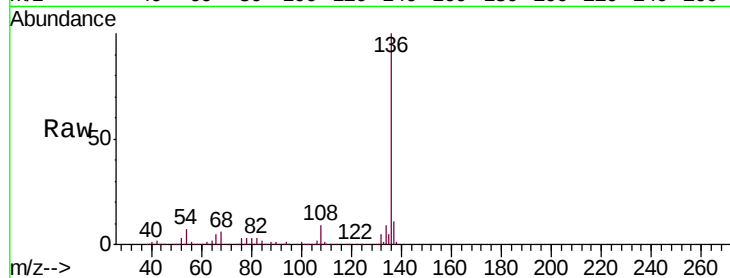




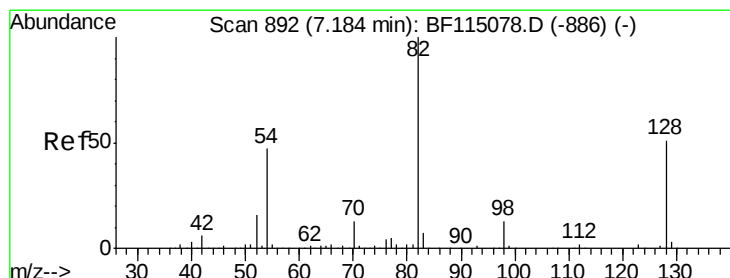
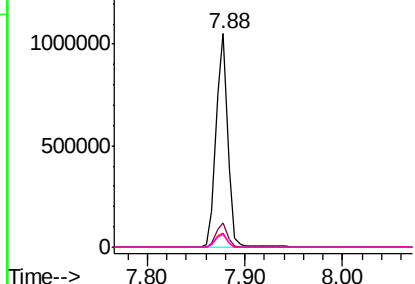
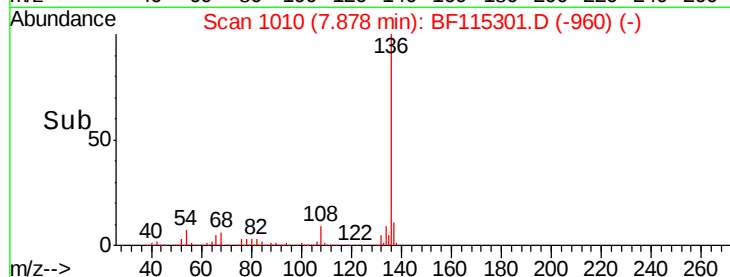
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115301.D
Acq: 29 Jun 2019 00:08

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:	136	Resp:	882966
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	5.6	8.4
68	5.8	4.8	7.2

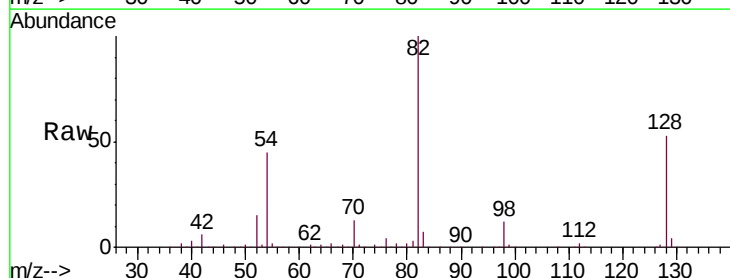


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

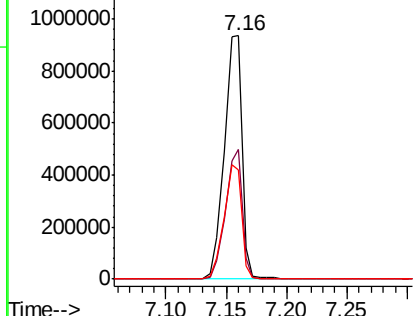
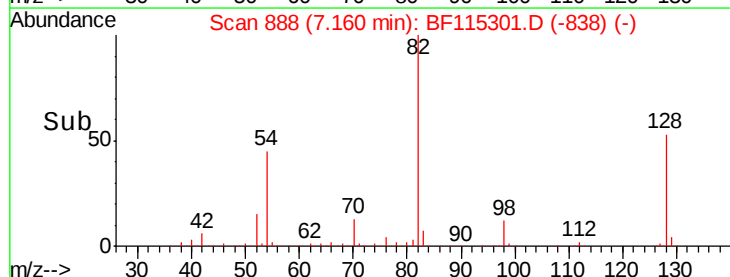


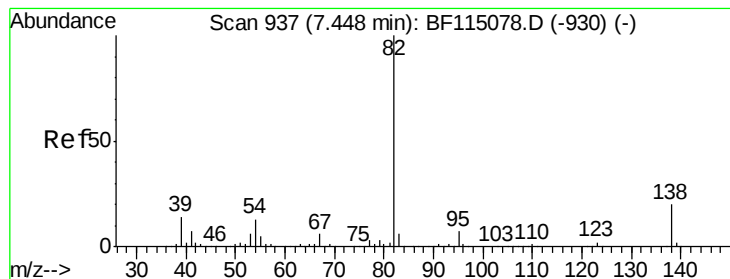
#23
Nitrobenzene-d5
Concen: 66.602 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115301.D
Acq: 29 Jun 2019 00:08

Tgt Ion:	82	Resp:	955975
Ion	Ratio	Lower	Upper
82	100		
128	53.1	40.4	60.6
54	44.8	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.290 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115301.D

Acq: 29 Jun 2019 00:08

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

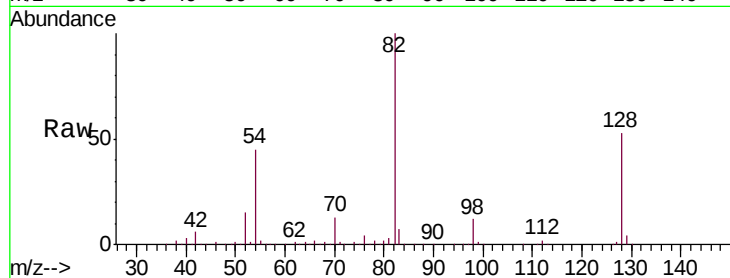
Tgt Ion: 82 Resp: 949439

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

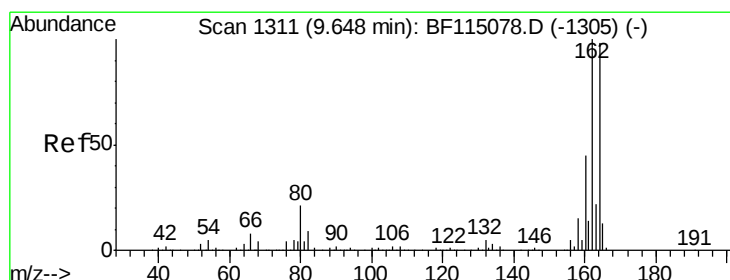
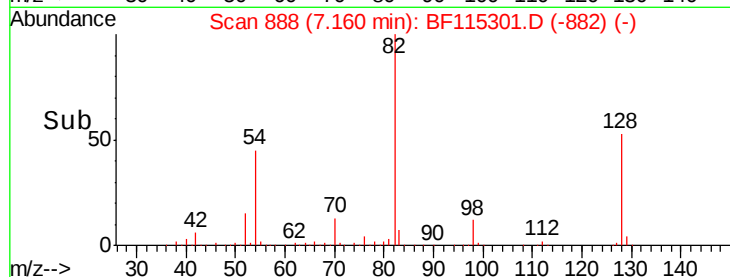
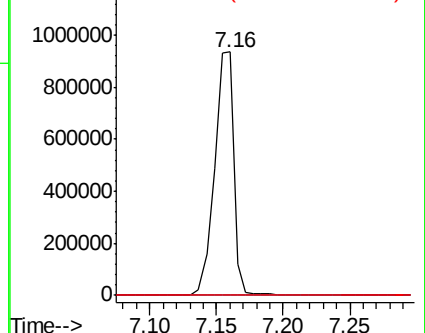
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115301.D

Acq: 29 Jun 2019 00:08

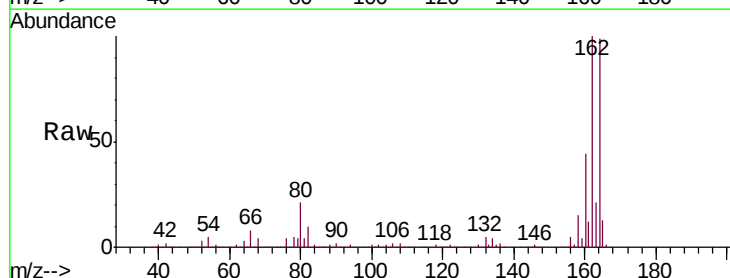
Tgt Ion: 164 Resp: 441475

Ion Ratio Lower Upper

164 100

162 100.7 81.7 122.5

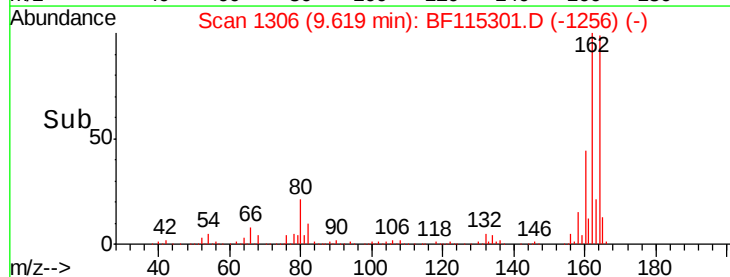
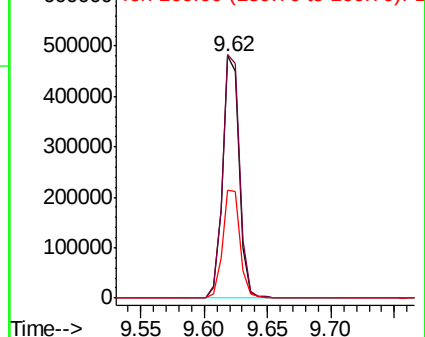
160 44.7 37.0 55.4

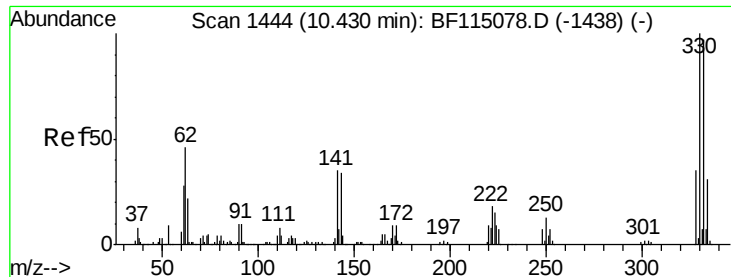


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

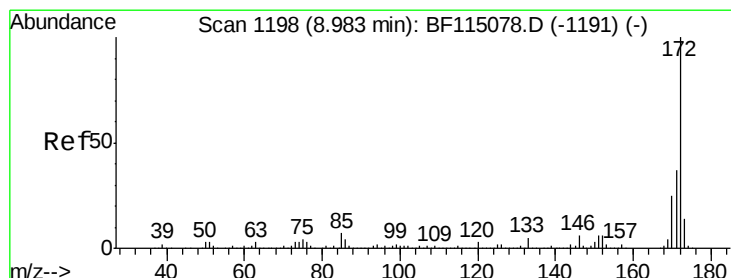
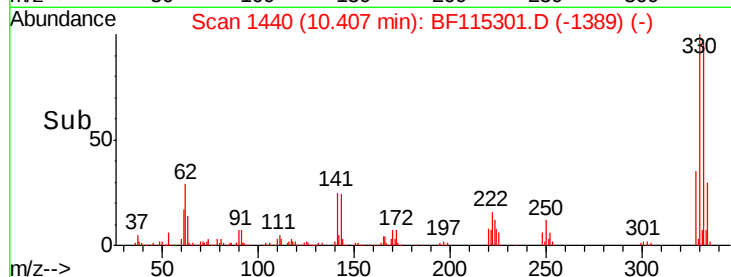
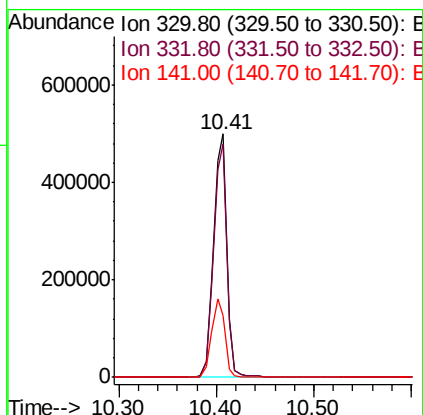
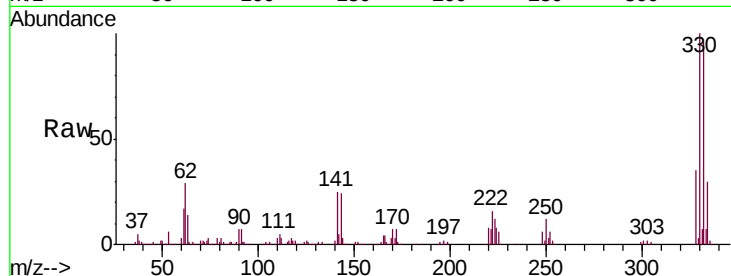




#42
 2,4,6-Tribromophenol
 Concen: 101.365 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115301.D
 Acq: 29 Jun 2019 00:08

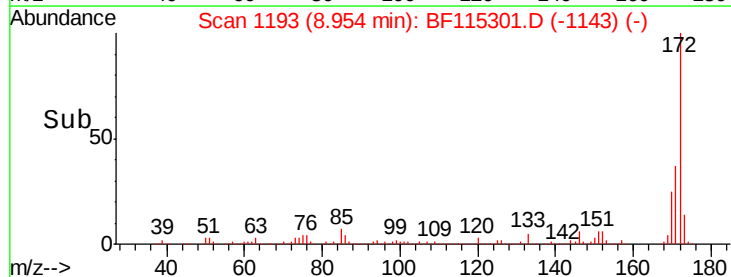
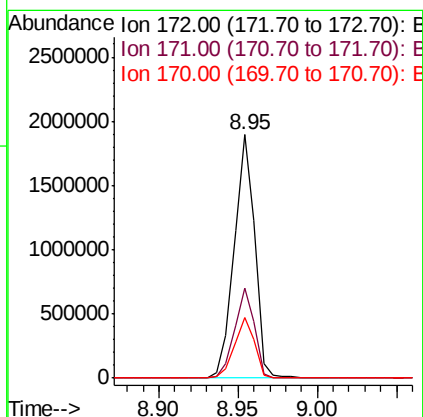
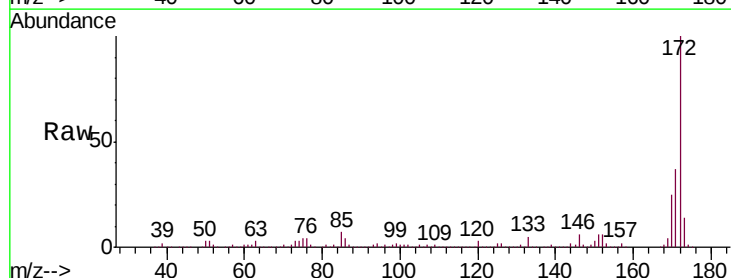
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 SB-01-COMP

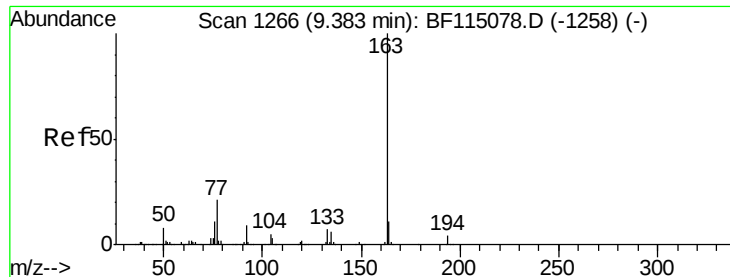
Tgt Ion:330 Resp: 471907
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 32.4 28.2 42.2



#45
 2-Fluorobiphenyl
 Concen: 65.801 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115301.D
 Acq: 29 Jun 2019 00:08

Tgt Ion:172 Resp: 1710186
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.1 20.3 30.5

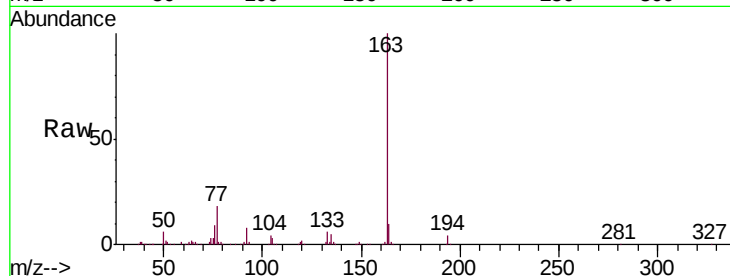




#50
Dimethylphthalate
Concen: 10.816 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115301.D
Acq: 29 Jun 2019 00:08

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.9	8.6	13.0

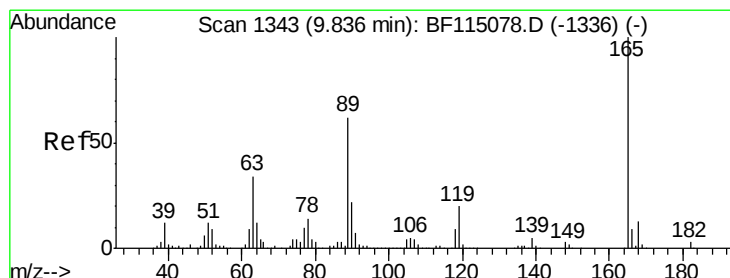
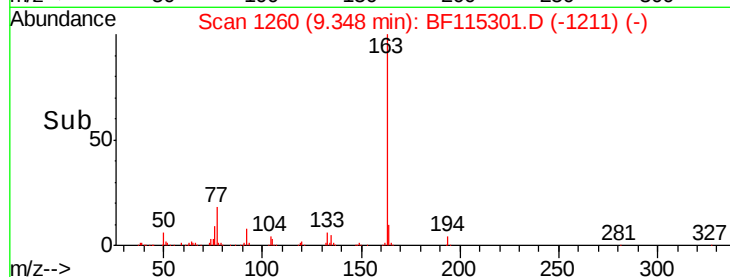
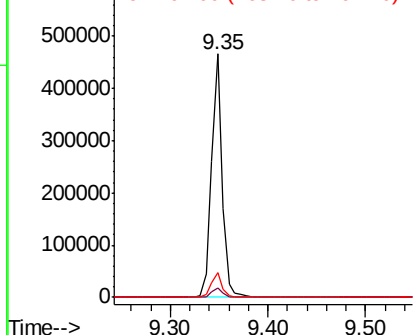


Abundance

Ion 163.00 (162.70 to 163.70): E

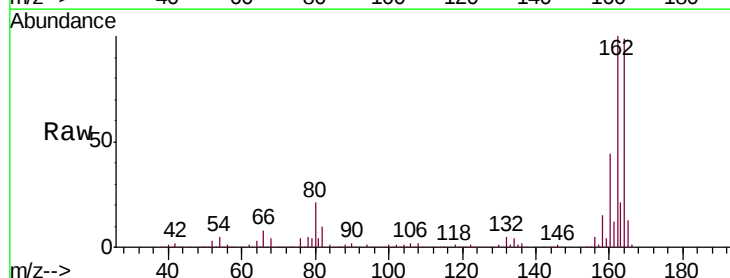
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 5.793 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF115301.D
Acq: 29 Jun 2019 00:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.6	49.9	74.9#
182	0.0	2.1	3.1#



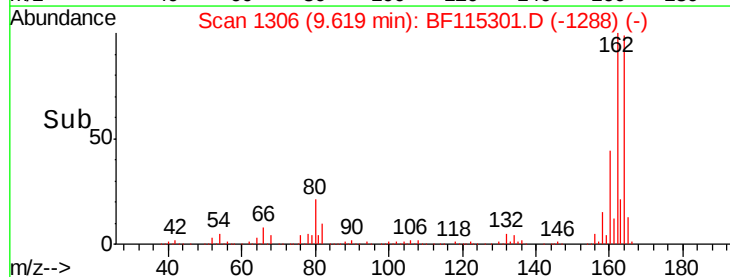
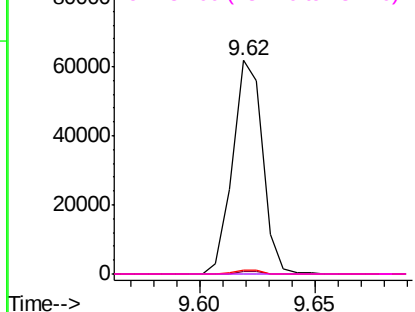
Abundance

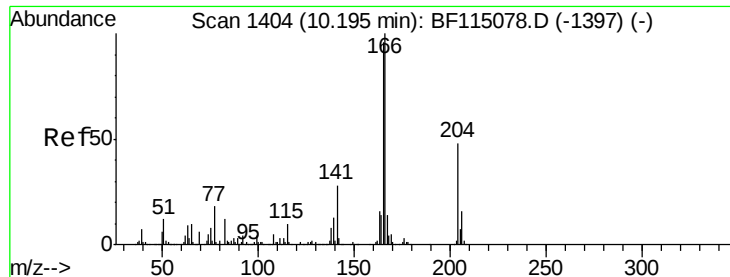
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: Below Cal

RT: 10.40 min Scan# 1439

Delta R.T. 0.23 min

Lab File: BF115301.D

Acq: 29 Jun 2019 00:08

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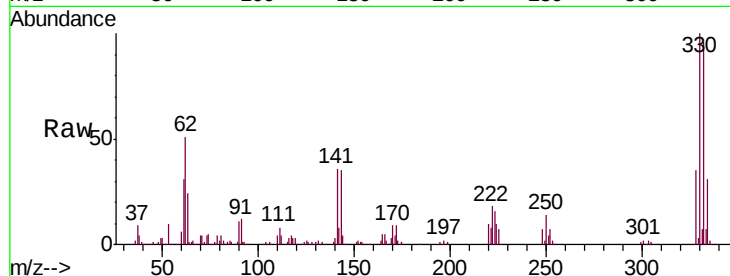
Tgt Ion:166 Resp: 22070

Ion Ratio Lower Upper

166 100

165 100.6 76.5 114.7

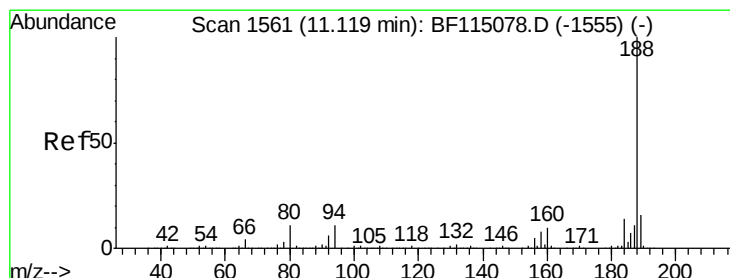
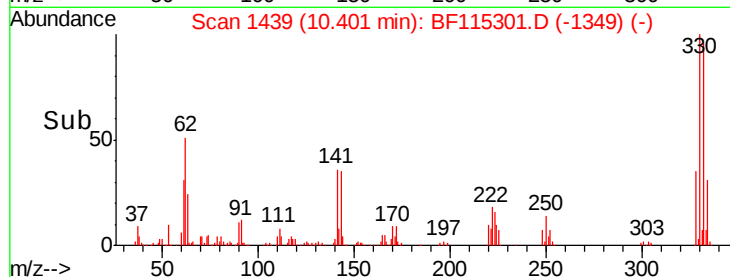
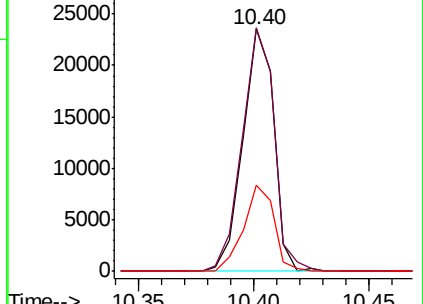
167 35.7 11.0 16.4#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115301.D

Acq: 29 Jun 2019 00:08

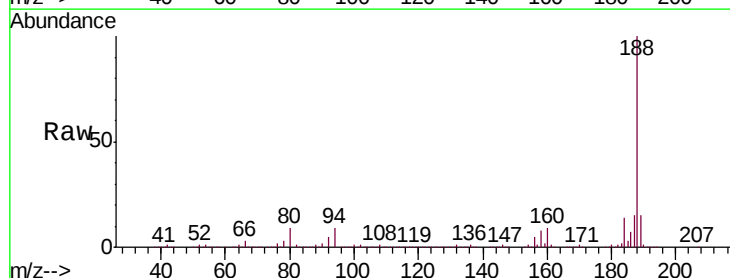
Tgt Ion:188 Resp: 882161

Ion Ratio Lower Upper

188 100

94 9.0 8.6 12.8

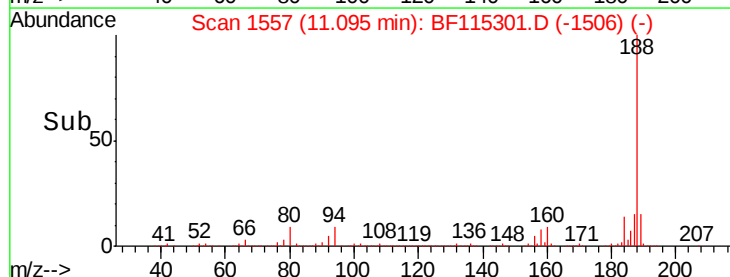
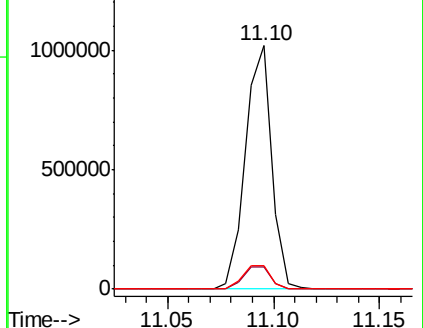
80 9.4 8.8 13.2

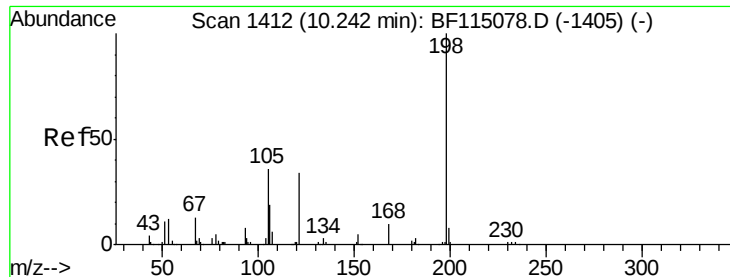


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

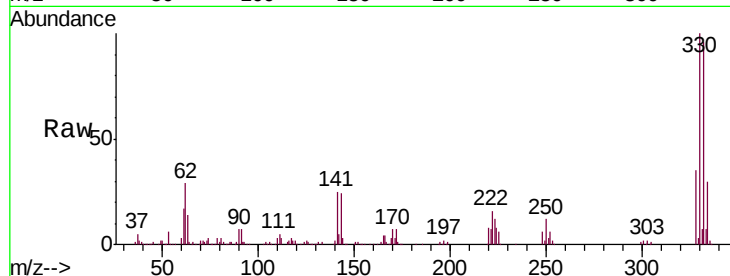




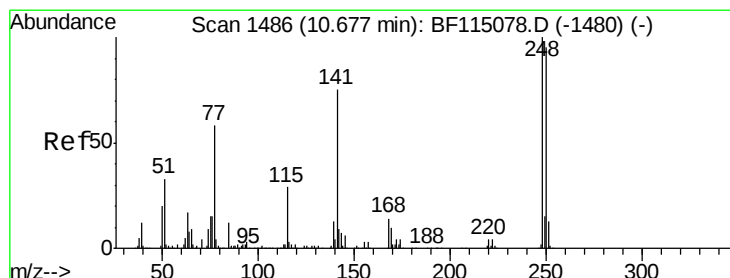
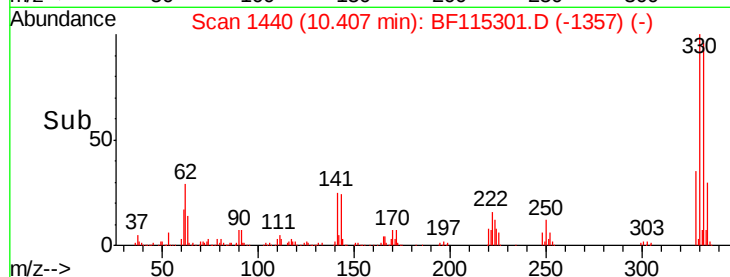
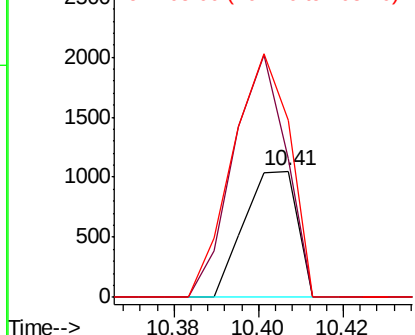
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.135 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF115301.D
 Acq: 29 Jun 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:198 Resp: 919
 Ion Ratio Lower Upper
 198 100
 51 110.2 11.0 51.0#
 105 140.3 17.3 57.3#

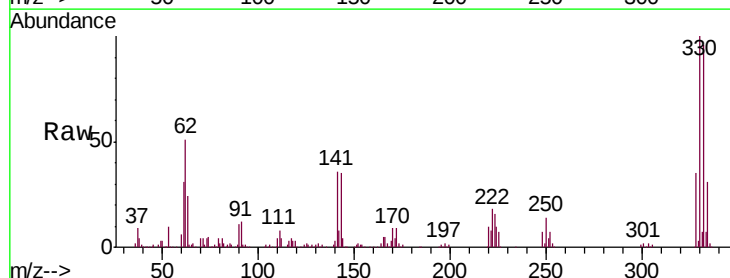


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

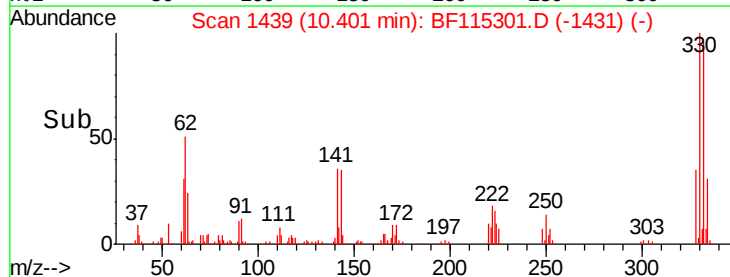
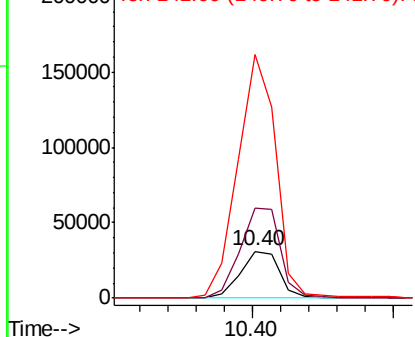


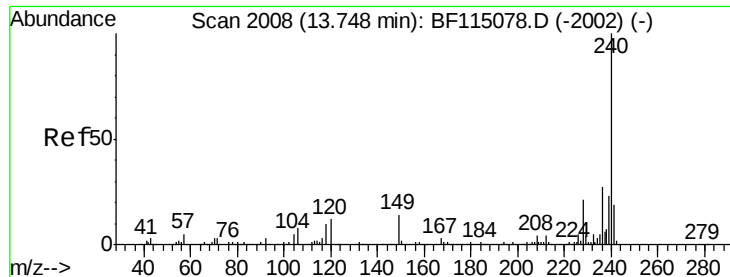
#67
 4-Bromophenyl-phenylether
 Concen: 3.075 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF115301.D
 Acq: 29 Jun 2019 00:08

Tgt Ion:248 Resp: 29413
 Ion Ratio Lower Upper
 248 100
 250 194.2 76.2 114.2#
 141 522.8 59.6 89.4#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115301.D

Acq: 29 Jun 2019 00:08

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

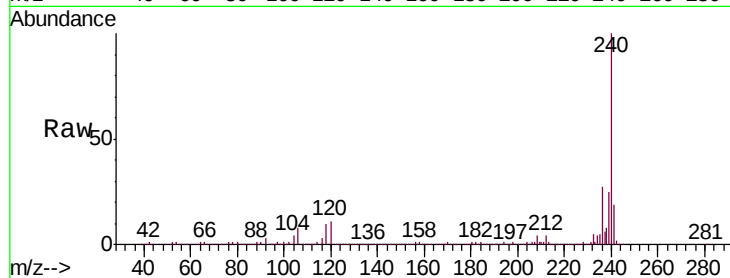
Tgt Ion:240 Resp: 716513

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

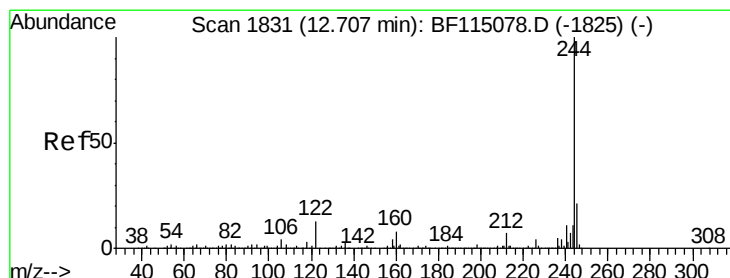
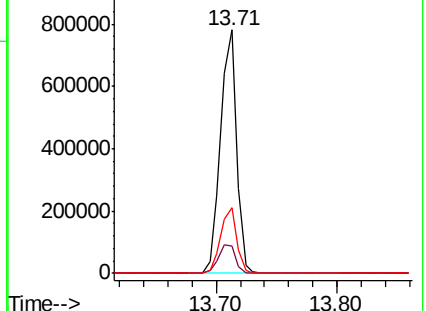
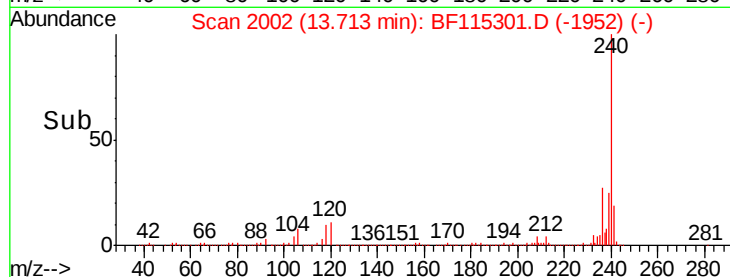
236 27.0 21.7 32.5



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



#79

Terphenyl-d14

Concen: 57.510 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115301.D

Acq: 29 Jun 2019 00:08

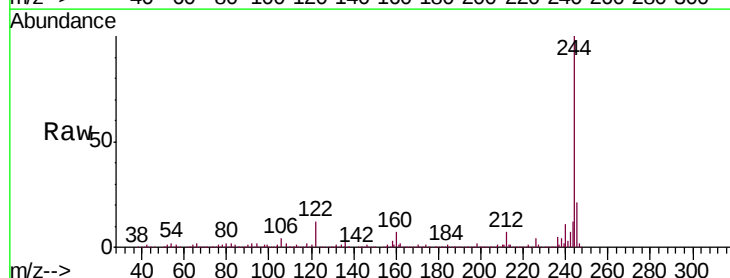
Tgt Ion:244 Resp: 1938099

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

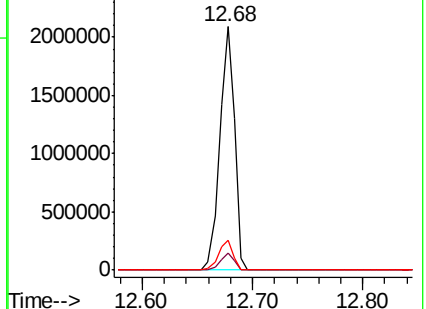
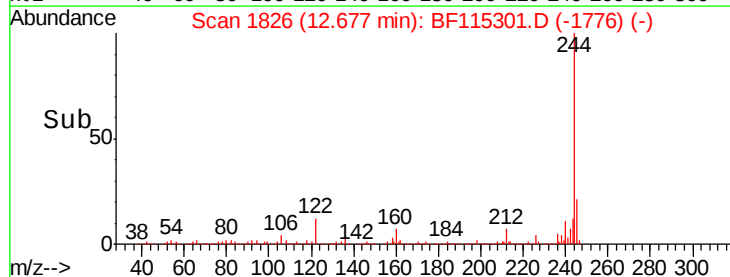
122 12.3 10.4 15.6

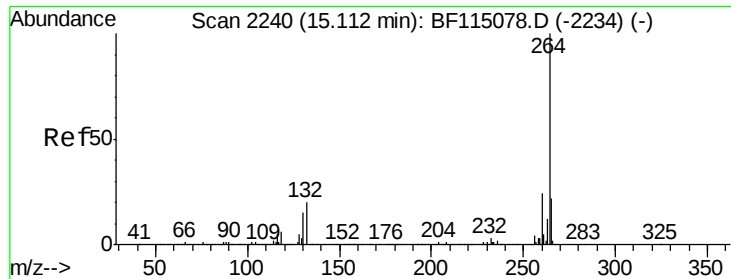


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF115301.D
Acq: 29 Jun 2019 00:08

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.1	17.3	25.9

