

Data File : BF100663.D
Acq On : 17 Nov 2017 6:47
Operator : SJ/JU
Sample : I6491-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-U-S

Quant Time: Nov 17 07:27:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	97764	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	365078	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	150077	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	232702	20.00	ng	0.00
75) Chrysene-d12	14.04	240	211485	20.00	ng	0.00
86) Perylene-d12	15.52	264	217053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	226631	37.16	ng	0.00
7) Phenol-d6	6.50	99	163315	21.72	ng	-0.01
23) Nitrobenzene-d5	7.45	82	534774	96.84	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	110963	72.56	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1000670	101.53	ng	0.00
78) Terphenyl-d14	12.99	244	649743	70.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	70149	13.45	ng	# 80
25) Isophorone	7.45	82	534581	46.07	ng	# 64
47) 2-Nitroaniline	9.24	65	1418	3.26	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	18680	8.24	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	18680	6.53	ng	# 21
66) 4-Bromophenyl-phenylether	10.70	248	7140	2.86	ng	# 1

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

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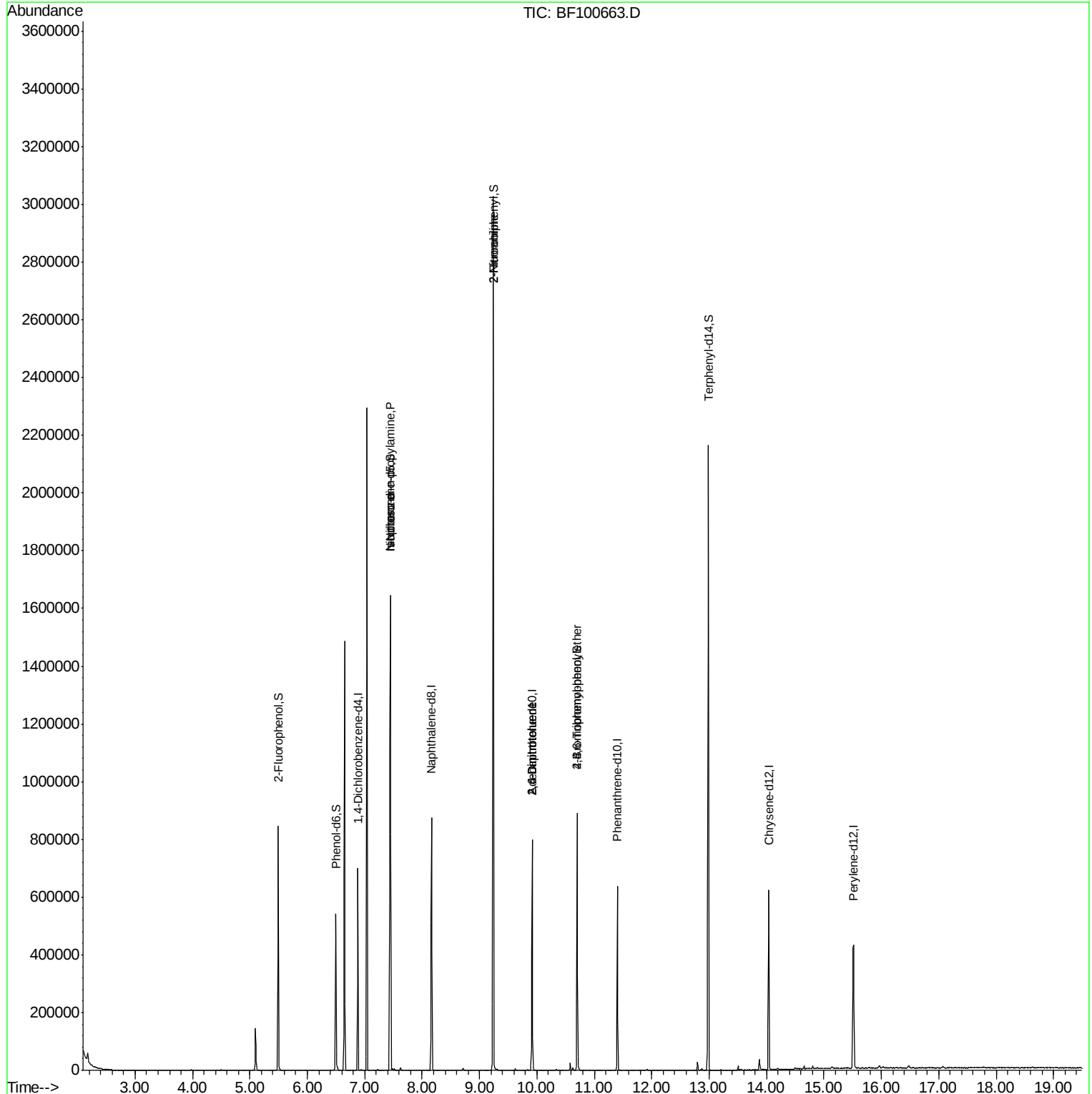
Quant Time: Nov 17 07:27:16 2017

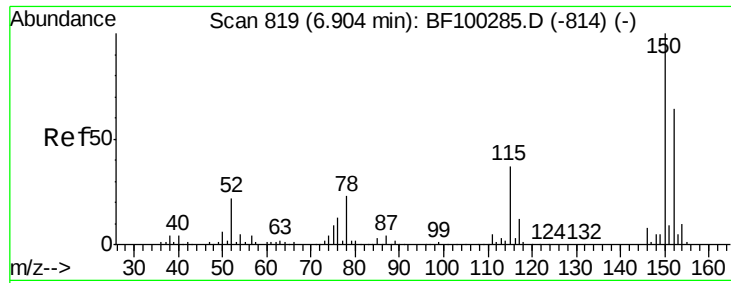
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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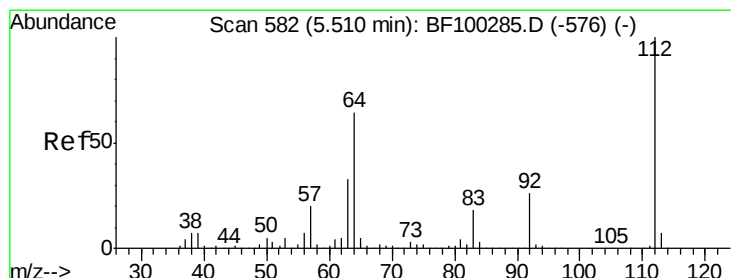
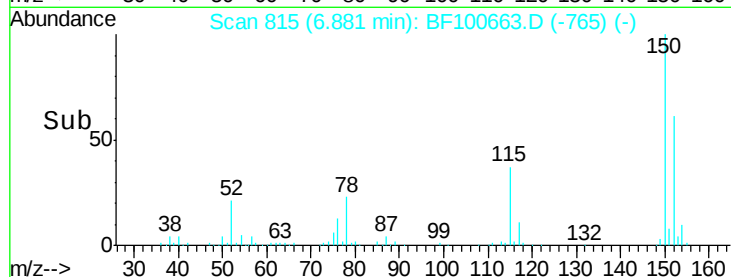
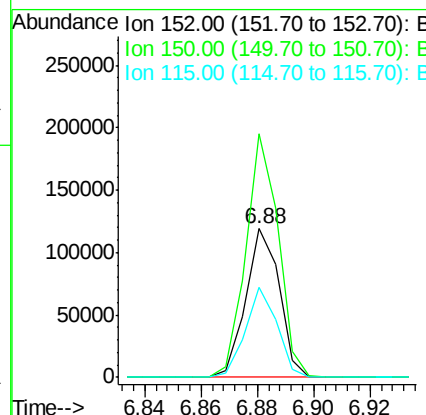
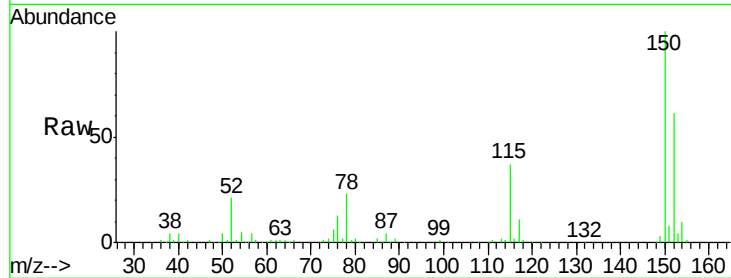




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100663.D
 Acq: 17 Nov 2017 6:47

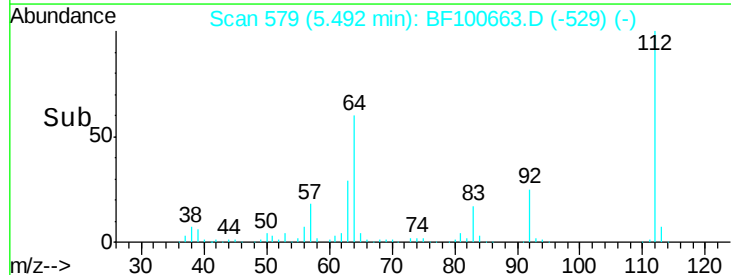
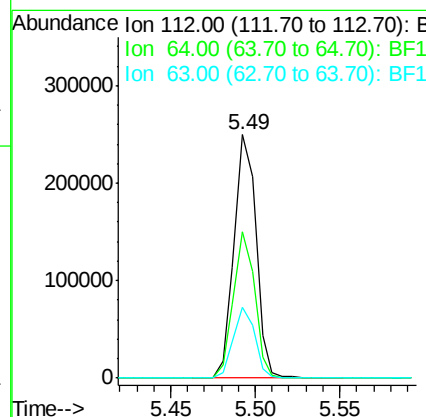
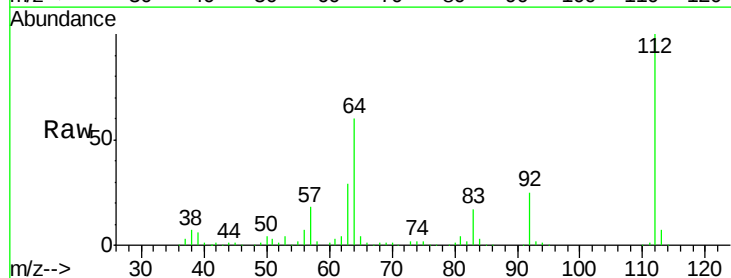
Instrument :
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 111317-SIDI-E-U-S

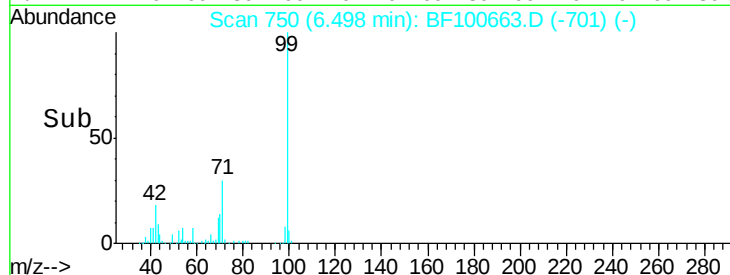
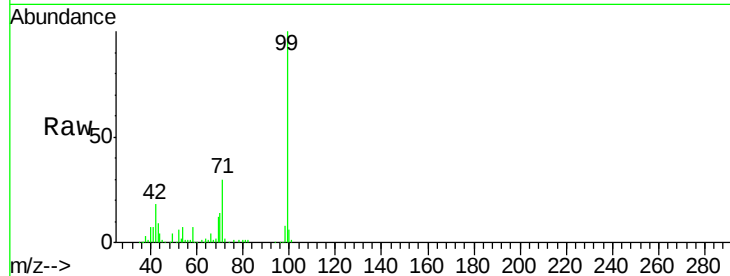
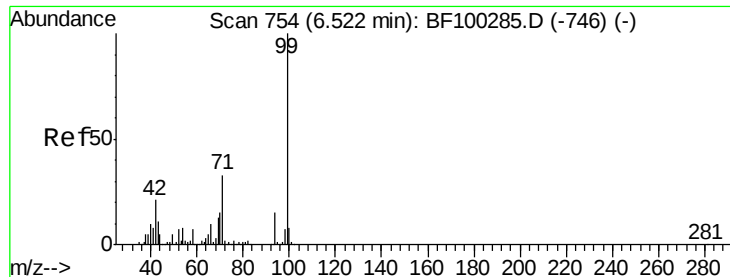
Tgt Ion:152 Resp: 97764
 Ion Ratio Lower Upper
 152 100
 150 164.2 124.6 186.8
 115 60.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 37.16 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF100663.D
 Acq: 17 Nov 2017 6:47

Tgt Ion:112 Resp: 226631
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.9 71.9
 63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 21.72 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-U-S

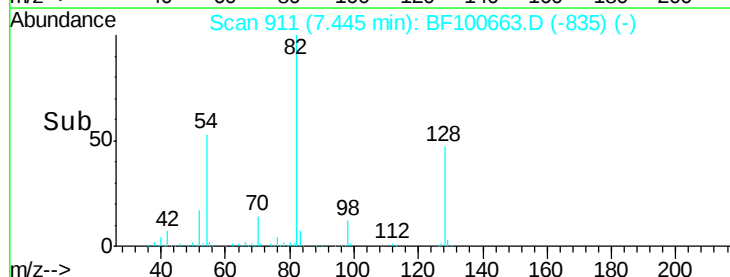
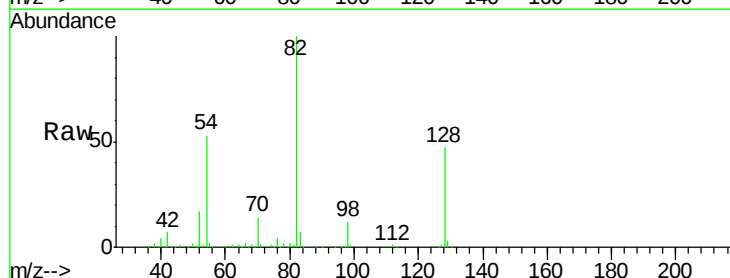
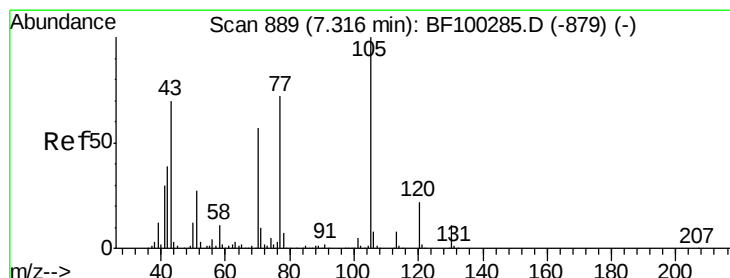
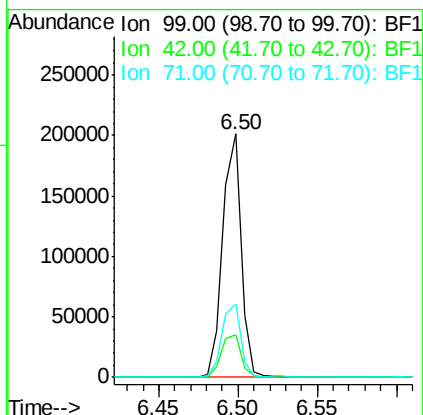
Tgt Ion: 99 Resp: 163315

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 29.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.45 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

Tgt Ion: 70 Resp: 70149

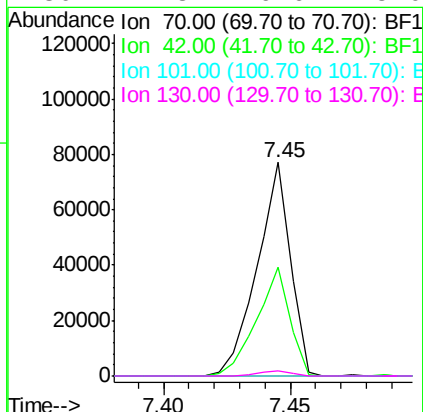
Ion Ratio Lower Upper

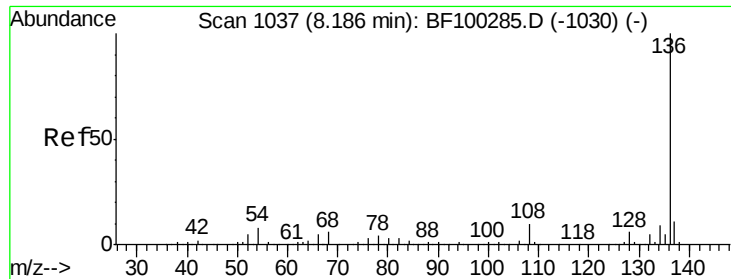
70 100

42 50.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

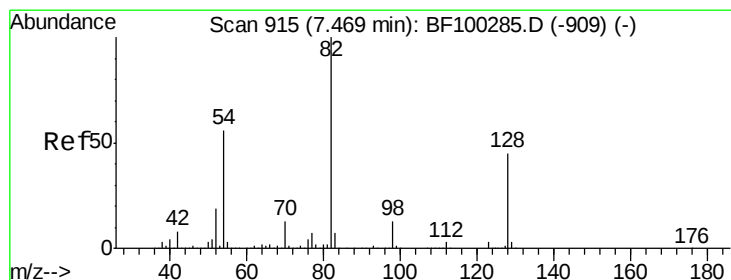
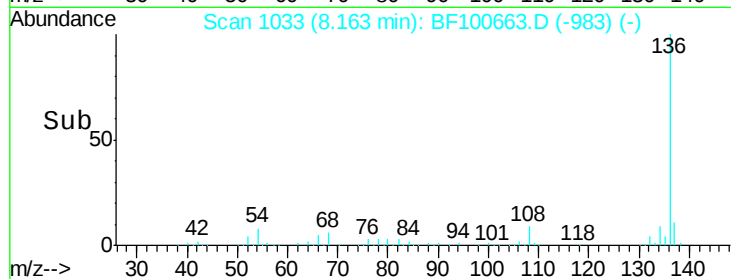
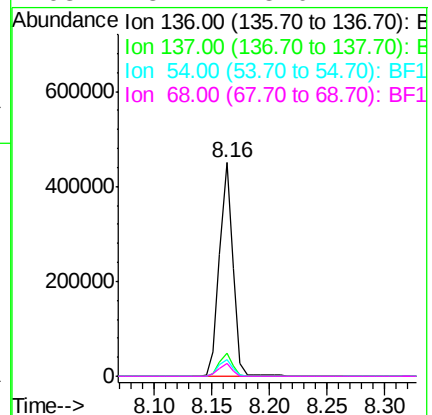
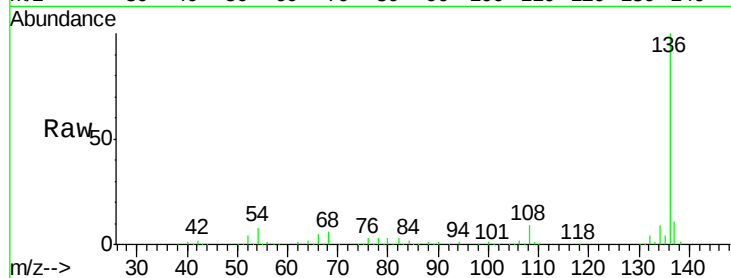




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

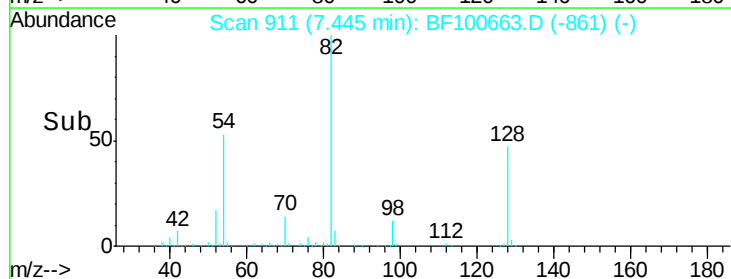
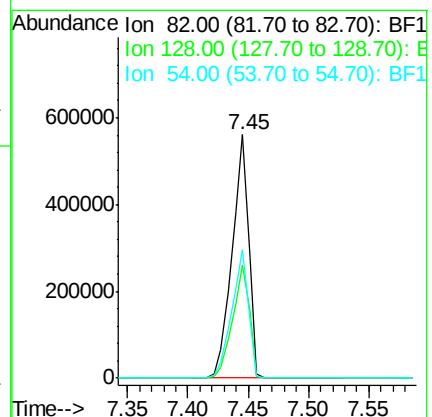
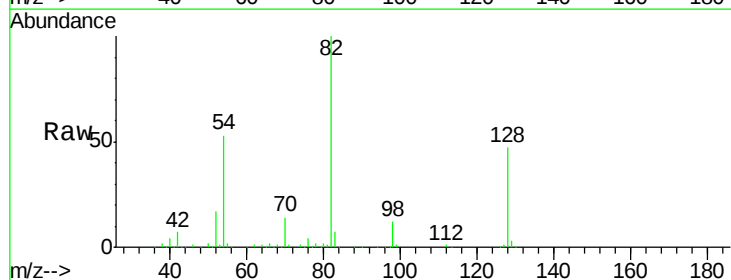
Instrument :
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ClientSampleId :
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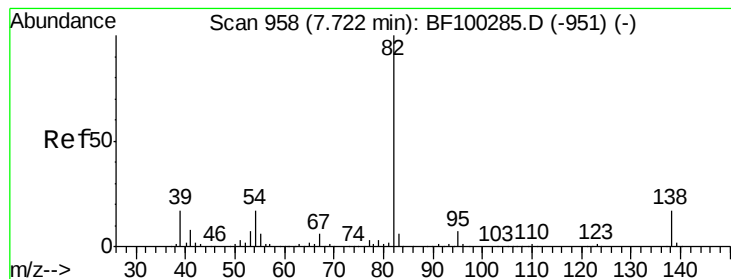
Tgt Ion: 136 Resp: 365078
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 6.6 9.8
68 5.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 96.84 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

Tgt Ion: 82 Resp: 534774
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 52.8 41.4 62.2





#25

Isophorone

Concen: 46.07 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-U-S

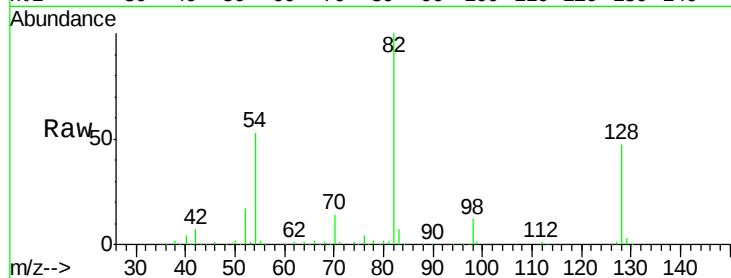
Tgt Ion: 82 Resp: 534581

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

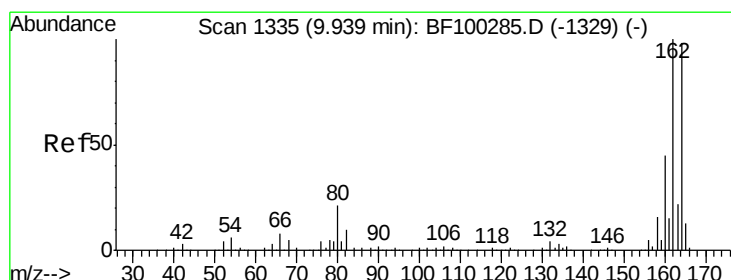
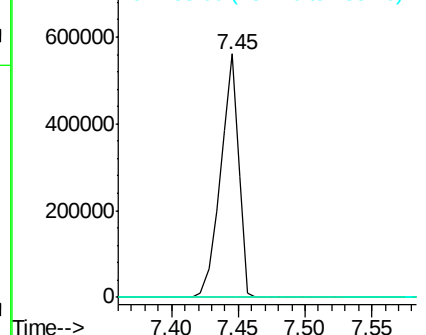
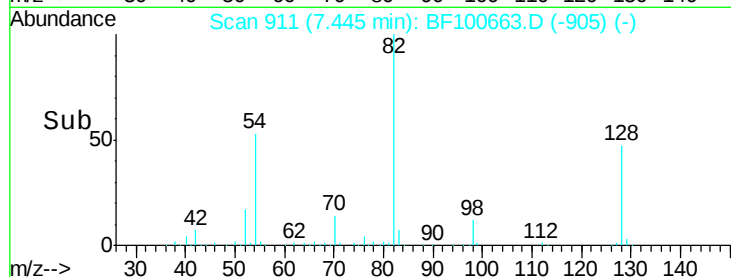
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

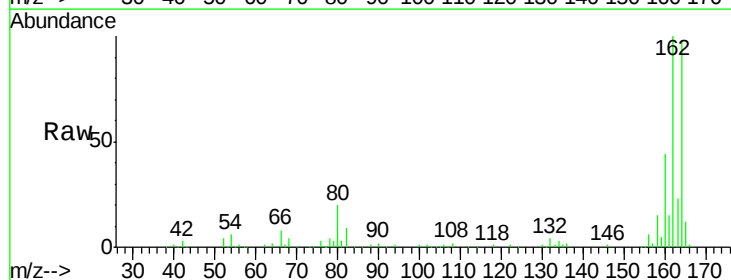
Tgt Ion: 164 Resp: 150077

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

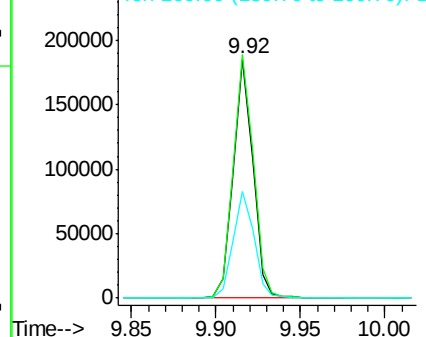
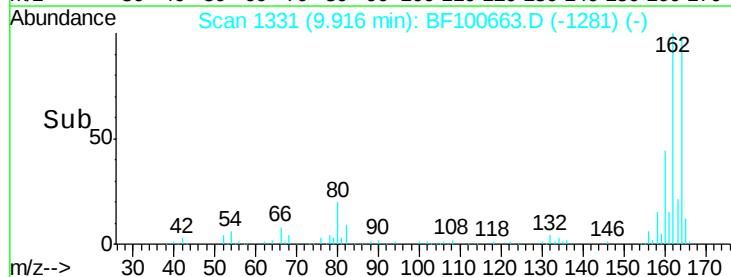
160 44.8 38.3 57.5

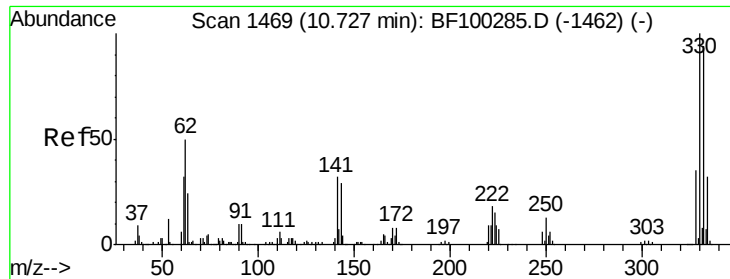


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

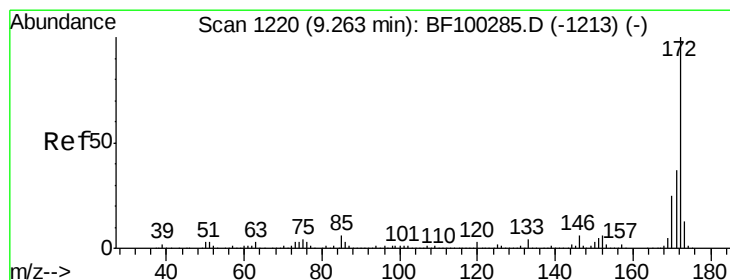
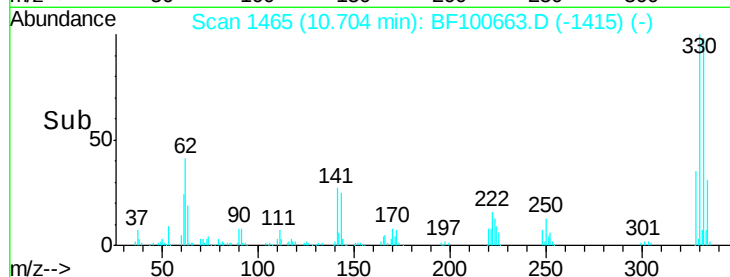
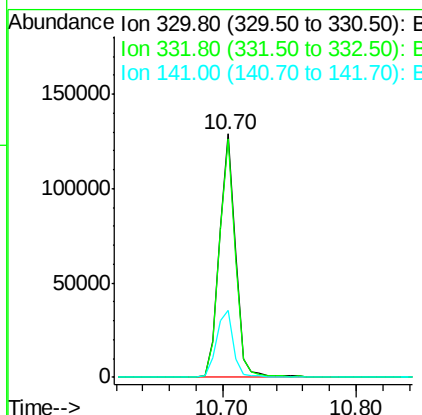
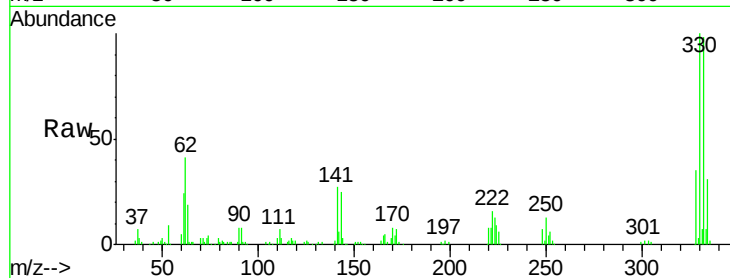




#41
 2,4,6-Tribromophenol
 Concen: 72.56 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100663.D
 Acq: 17 Nov 2017 6:47

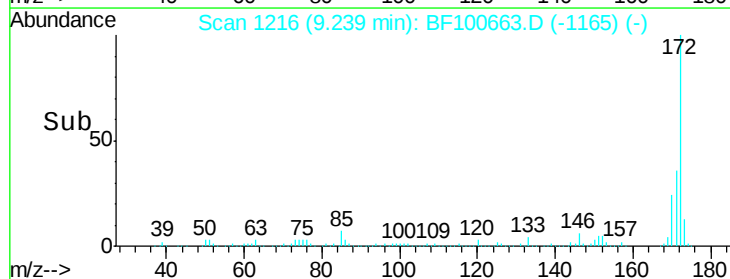
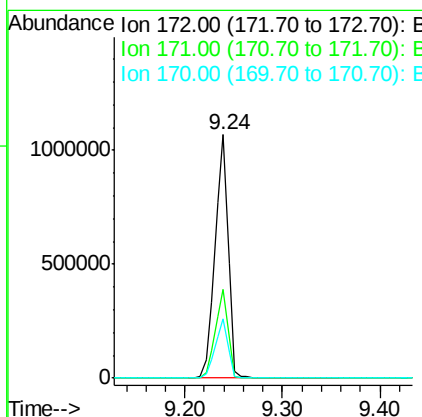
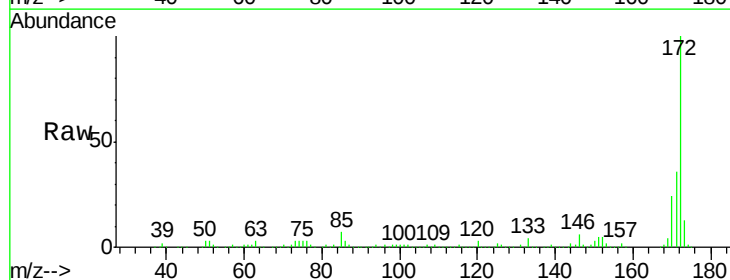
Instrument :
 BNA_F
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 111317-SIDI-E-U-S

Tgt Ion:330 Resp: 110963
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 28.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 101.53 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100663.D
 Acq: 17 Nov 2017 6:47

Tgt Ion:172 Resp: 1000670
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 19.6 29.4

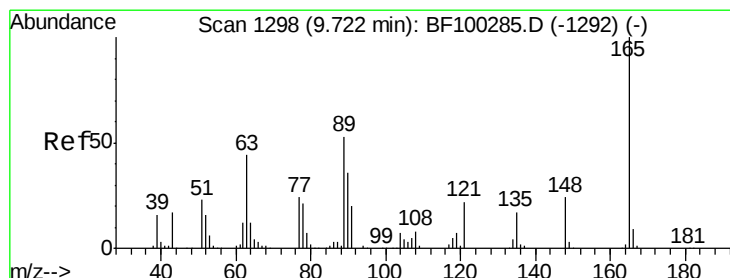
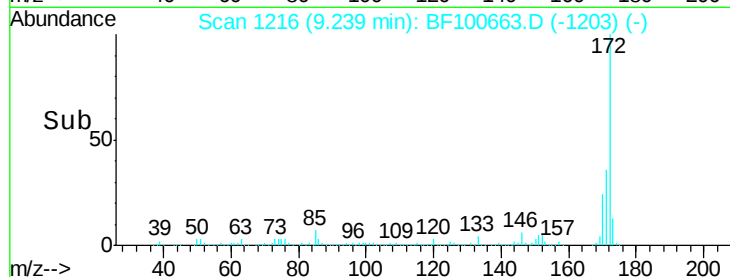
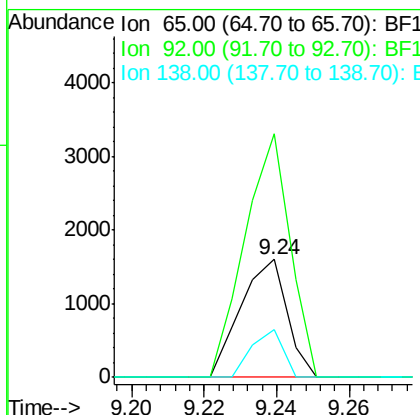
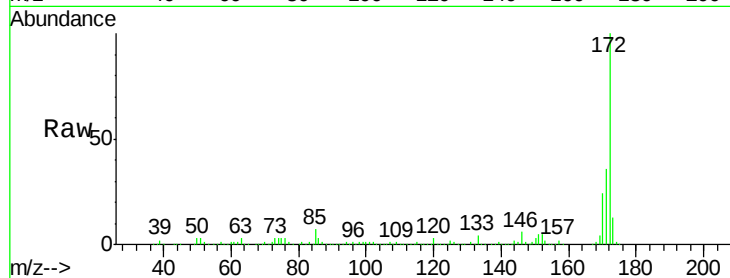




#47
2-Nitroaniline
Concen: 3.26 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

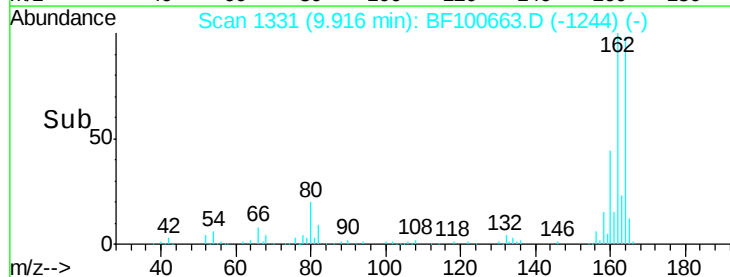
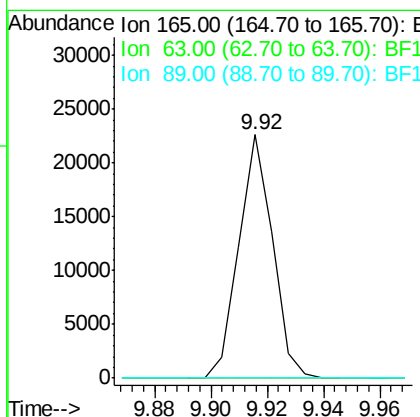
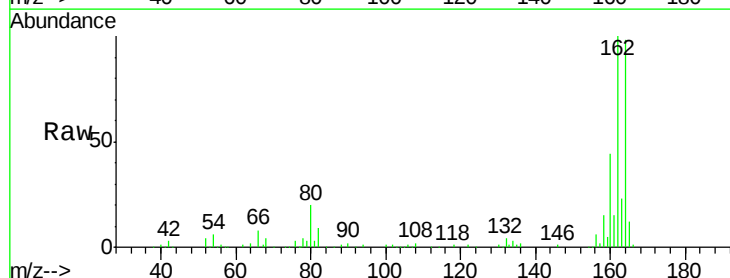
Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-U-S

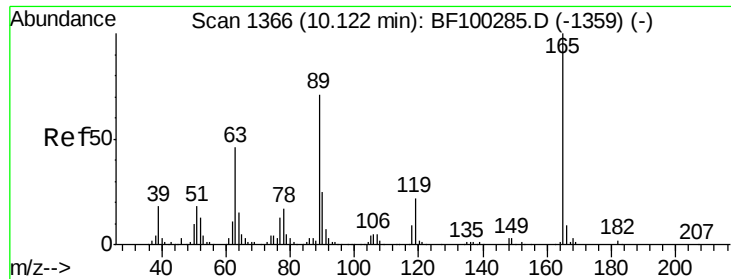
Tgt Ion: 65 Resp: 1418
Ion Ratio Lower Upper
65 100
92 206.6 55.8 83.6#
138 40.6 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.24 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

Tgt Ion: 165 Resp: 18680
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

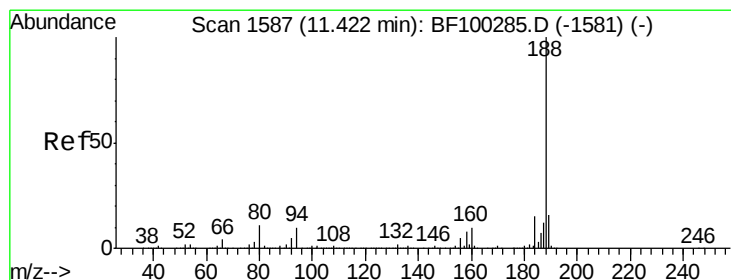
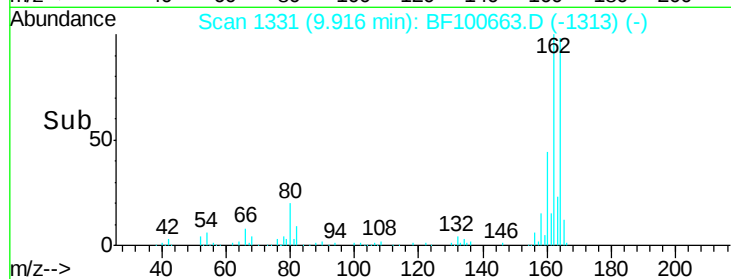
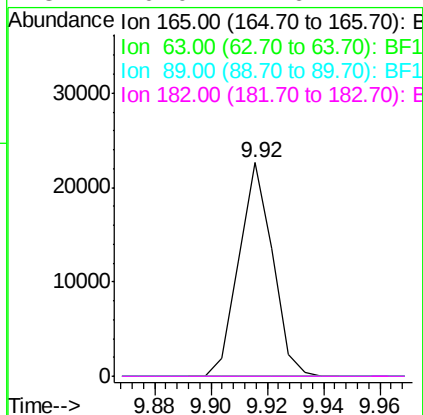
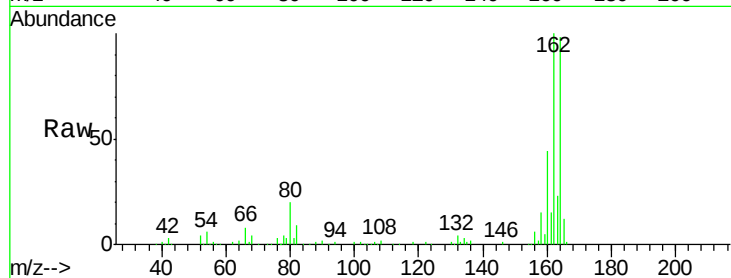




#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100663.D
 Acq: 17 Nov 2017 6:47

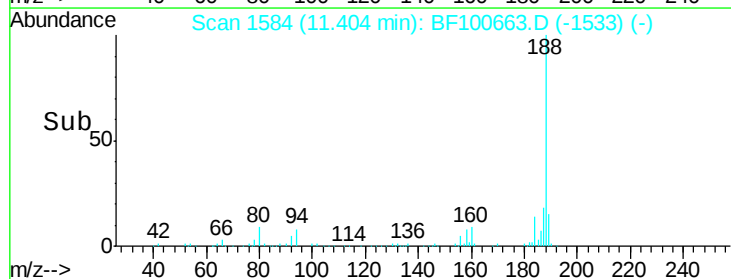
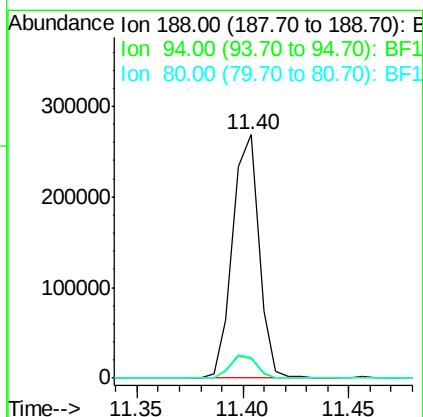
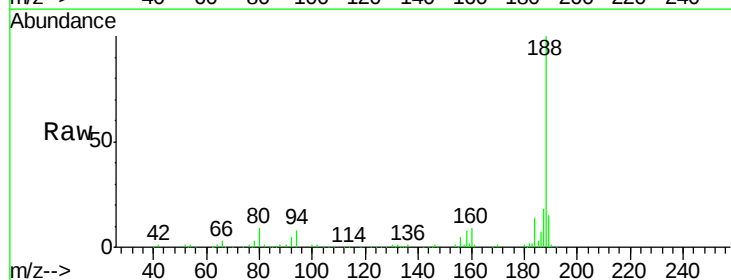
Instrument :
 BNA_F
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 111317-SIDI-E-U-S

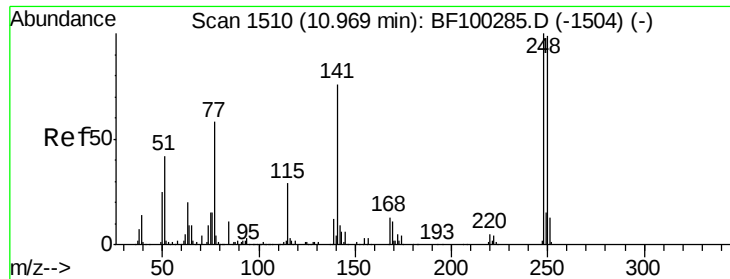
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100663.D
 Acq: 17 Nov 2017 6:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.8	9.2	13.8#

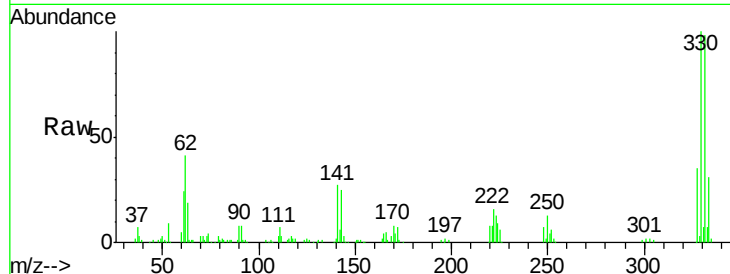




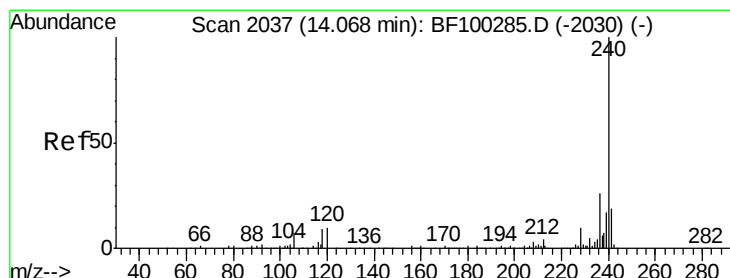
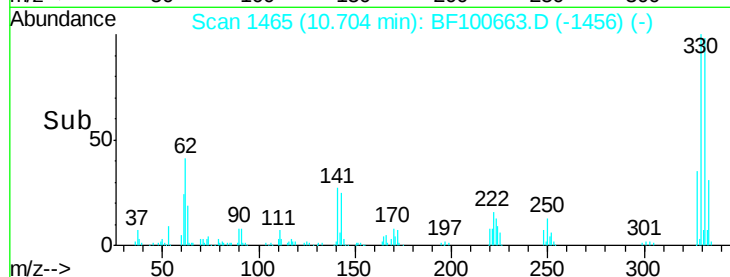
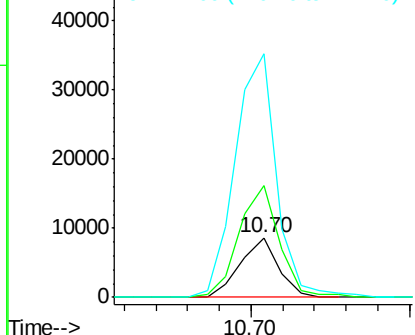
#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

Instrument :
BNA_F
ClientSampleId :
111317-SIDI-E-U-S

Tgt Ion:248 Resp: 7140
Ion Ratio Lower Upper
248 100
250 188.5 76.9 115.3#
141 409.7 74.4 111.6#

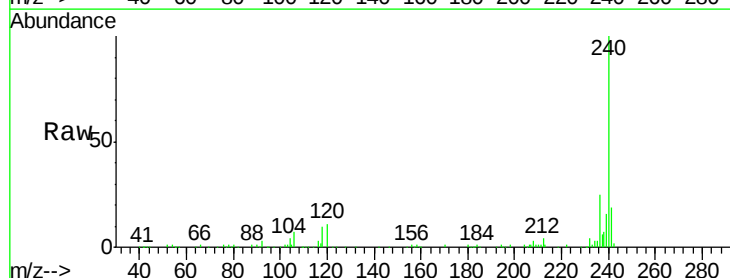


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

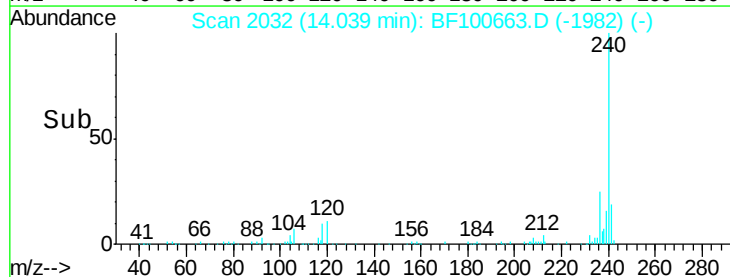
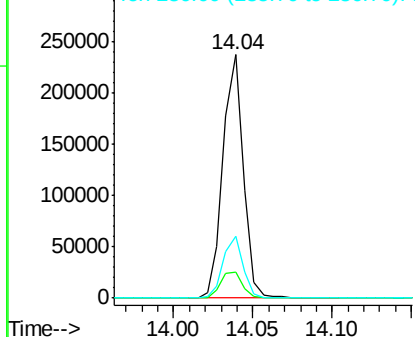


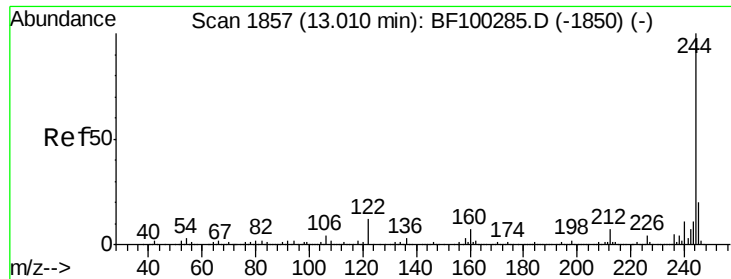
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100663.D
Acq: 17 Nov 2017 6:47

Tgt Ion:240 Resp: 211485
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.3 20.7 31.1



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





#78

Terphenyl-d14

Concen: 70.59 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

Instrument :

BNA_F

ClientSampleId :

111317-SIDI-E-U-S

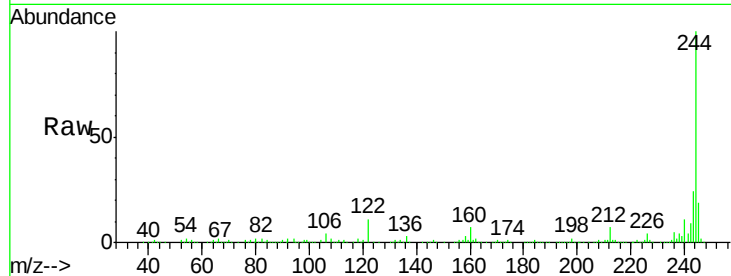
Tgt Ion:244 Resp: 649743

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

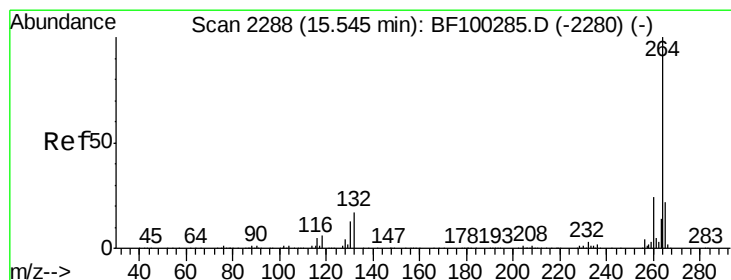
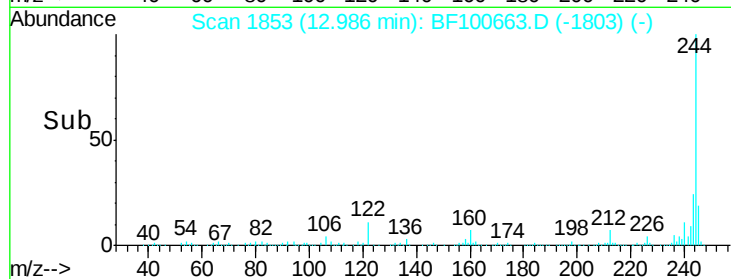
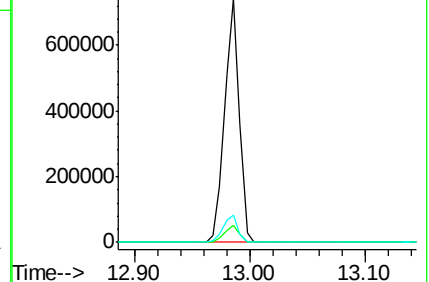
122 11.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100663.D

Acq: 17 Nov 2017 6:47

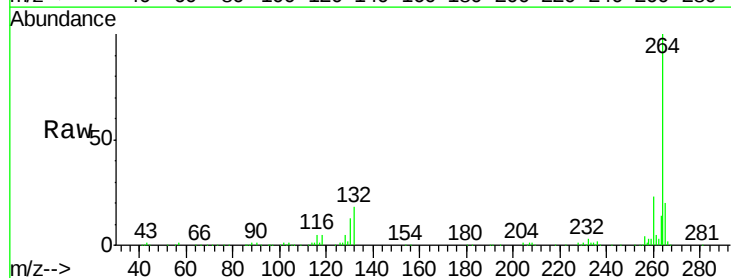
Tgt Ion:264 Resp: 217053

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

