

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101500.D
 Acq On : 19 Dec 2017 1:36
 Operator : SJ/JU
 Sample : I6882-03RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121117-JETT-E-U-BRE

Quant Time: Dec 19 04:21:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

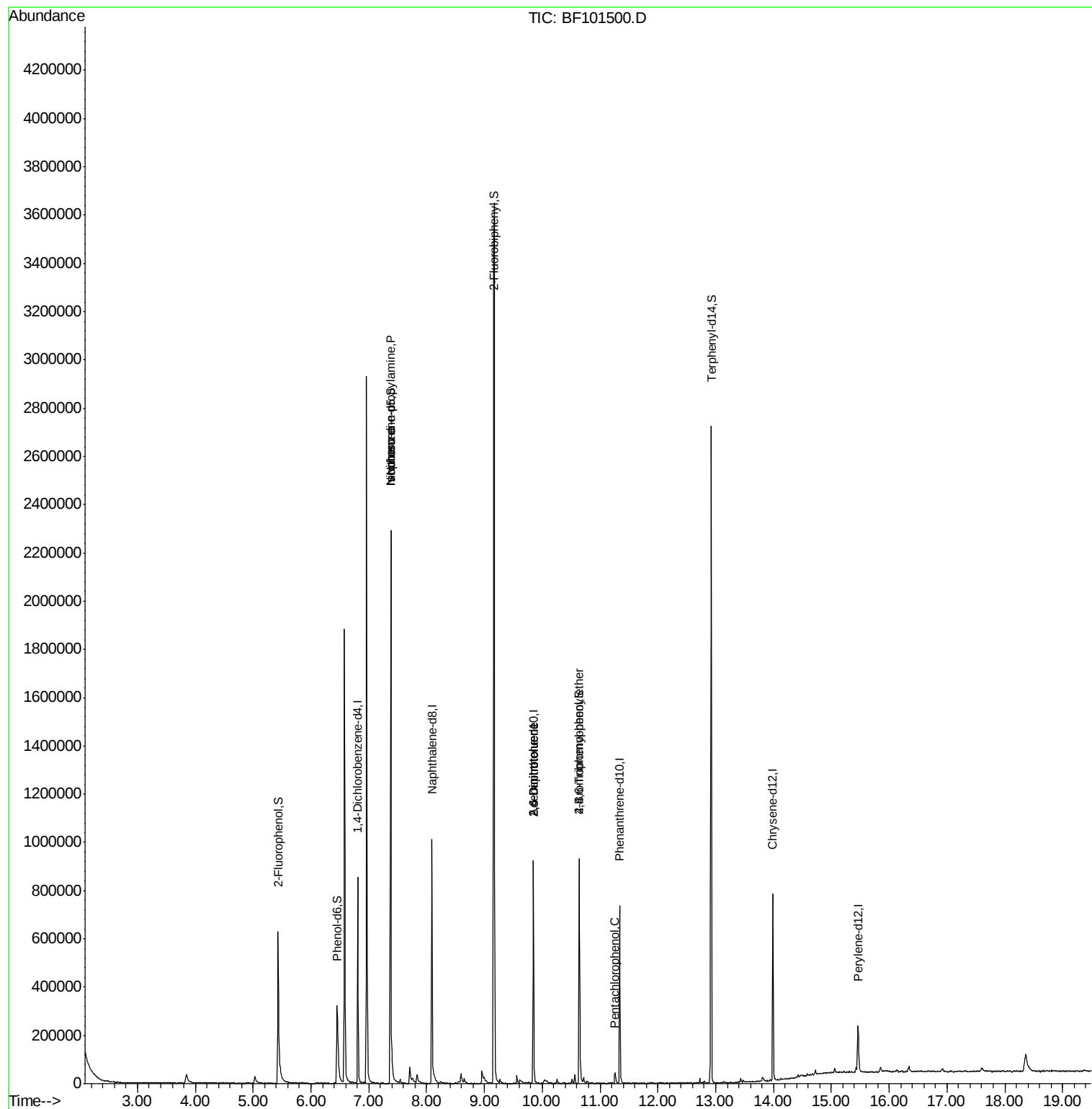
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136405	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	502549	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	186669	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	287098	20.00	ng	0.00
75) Chrysene-d12	13.99	240	287659	20.00	ng	0.00
86) Perylene-d12	15.46	264	100831	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	283122	30.92	ng	0.00
7) Phenol-d6	6.45	99	174583	15.32	ng	0.00
23) Nitrobenzene-d5	7.38	82	800977	88.72	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	123795	68.82	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1299761	108.01	ng	0.00
78) Terphenyl-d14	12.92	244	913002	76.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	107949	14.42	ng	# 80
25) Isophorone	7.38	82	800967	44.23	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	23018	7.54	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	23018	6.69	ng	# 22
66) 4-Bromophenyl-phenylether	10.64	248	7291	2.26	ng	# 1
69) Pentachlorophenol	11.26	266	736	7.07	ng	# 39

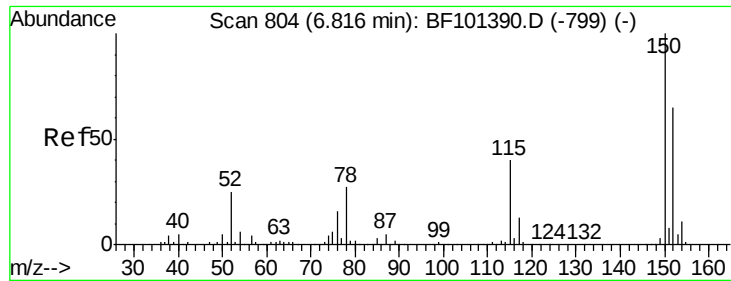
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

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BNA_F

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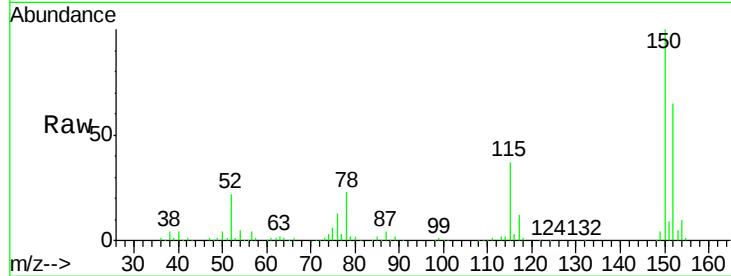
Tot Ion:152 Resp: 136405

Ion Ratio Lower Upper

152 100

150 154.6 124.6 186.8

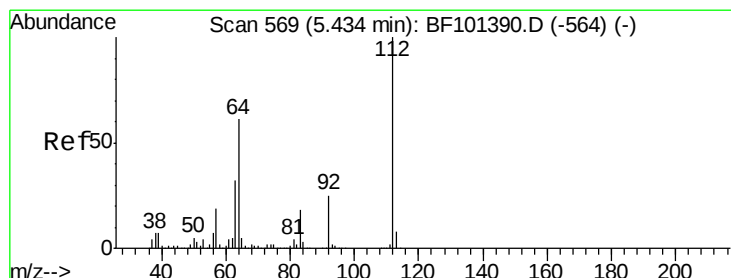
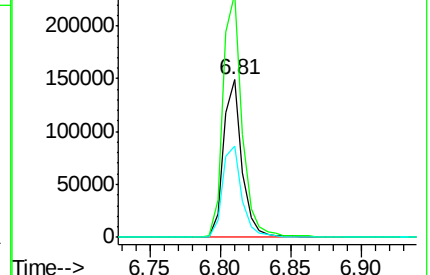
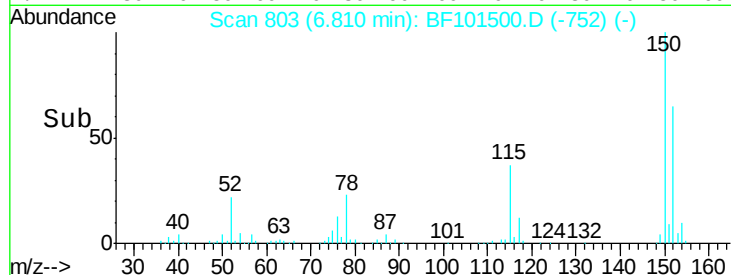
115 57.9 50.1 75.1



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: 30.92 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

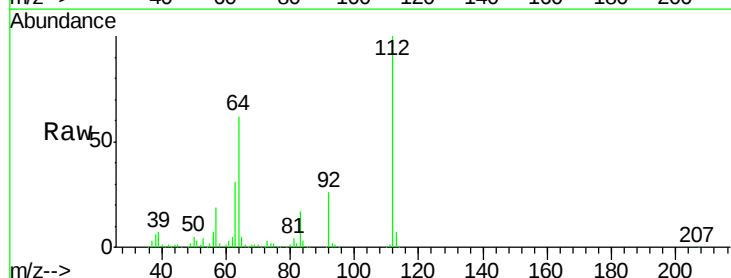
Tgt Ion:112 Resp: 283122

Ion Ratio Lower Upper

112 100

64 61.6 47.9 71.9

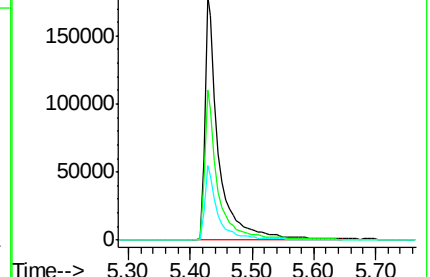
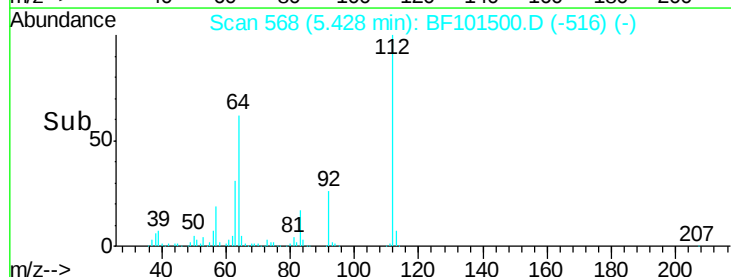
63 30.9 23.7 35.5

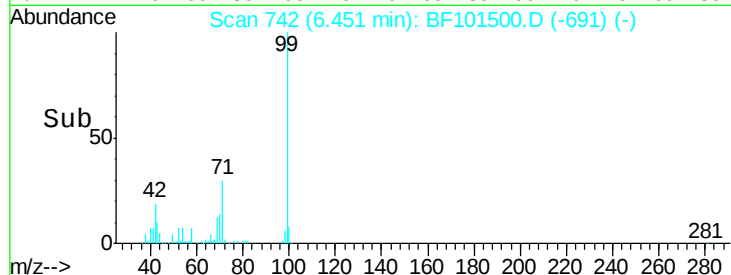
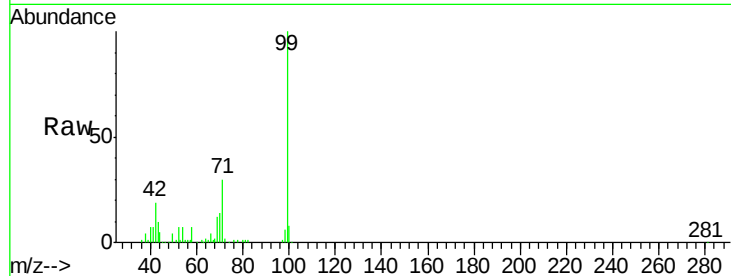
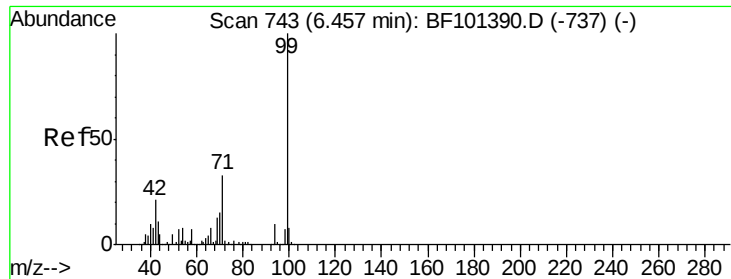


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 15.32 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

Instrument :

BNA_F

ClientSampleId :

121117-JETT-E-U-BRE

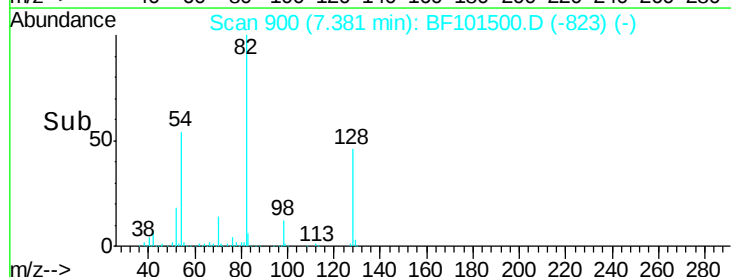
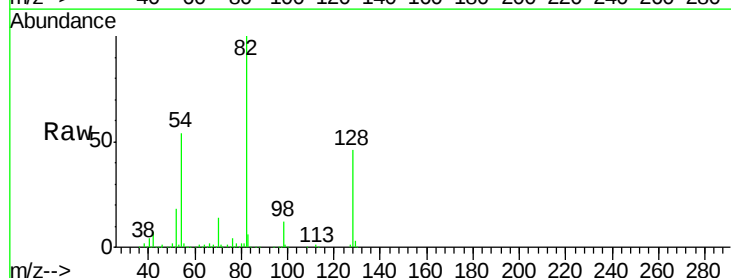
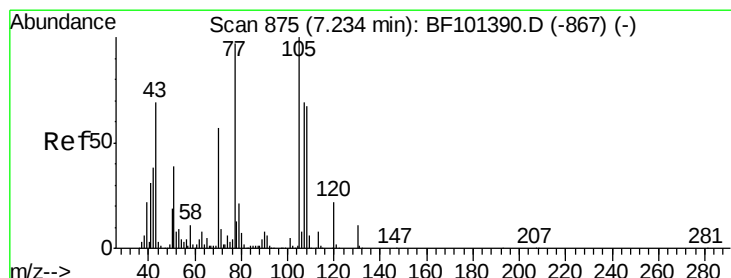
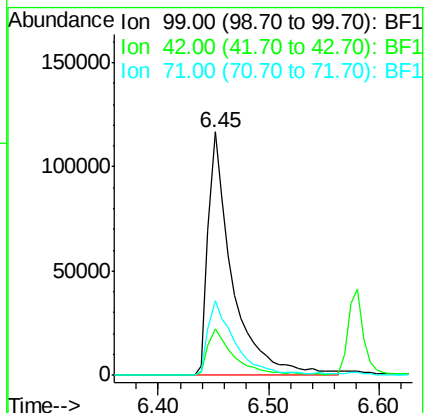
Tot Ion: 99 Resp: 174583

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 30.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.42 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

Tgt Ion: 70 Resp: 107949

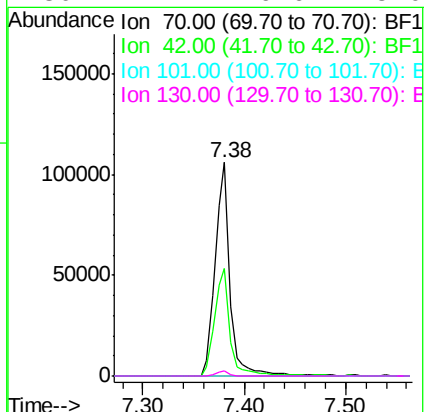
Ion Ratio Lower Upper

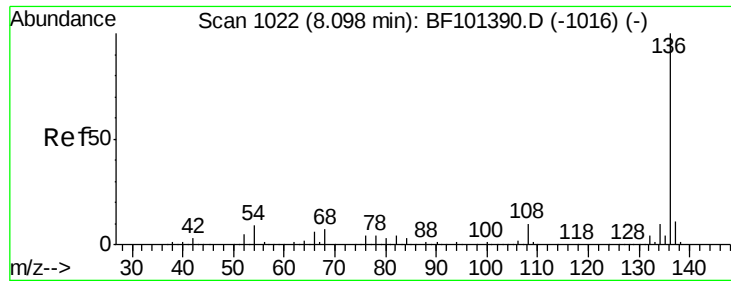
70 100

42 50.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

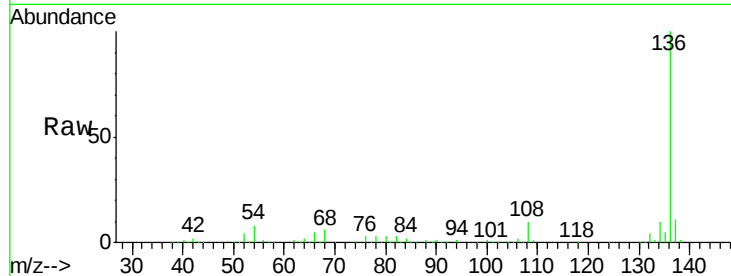




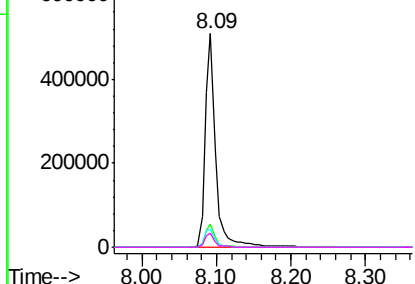
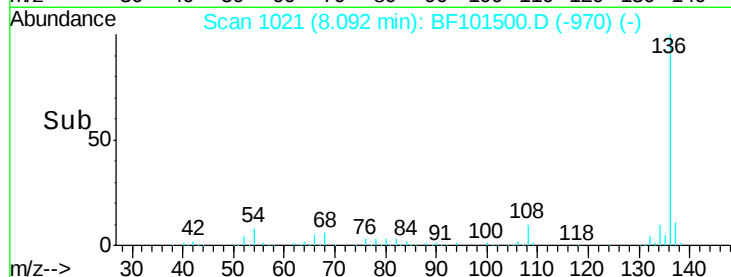
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101500.D
Acq: 19 Dec 2017 1:36

Instrument :
BNA_F
ClientSampleId :
121117-JETT-E-U-BRE

Tot Ion:136	Resp:	502549
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 8.3	6.6	9.8
68 6.3	5.0	7.4

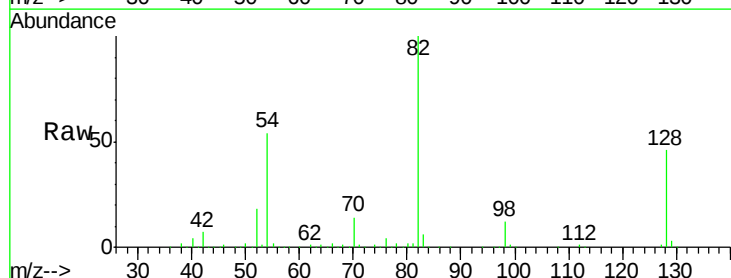


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

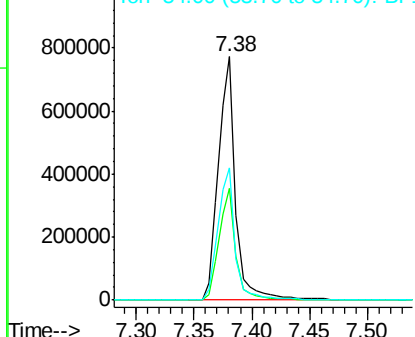
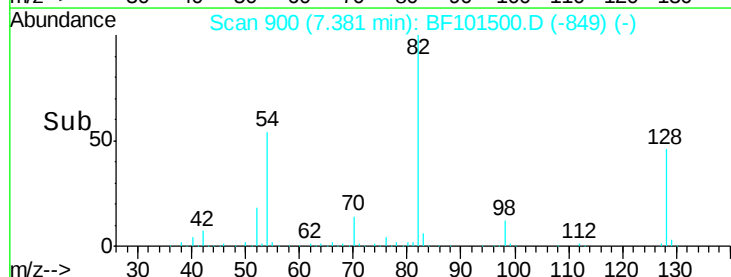


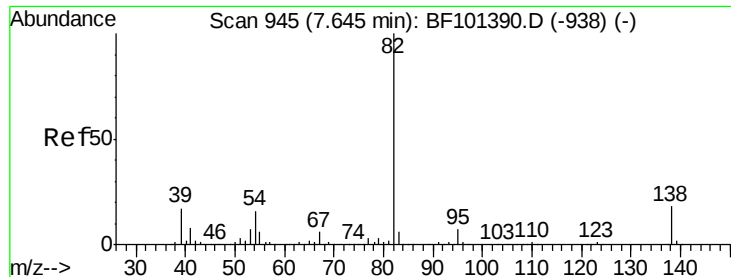
#23
Nitrobenzene-d5
Concen: 88.72 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101500.D
Acq: 19 Dec 2017 1:36

Tgt Ion: 82	Resp:	800977
Ion Ratio	Lower	Upper
82 100		
128 45.7	36.1	54.1
54 54.1	41.4	62.2



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: 44.23 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

Instrument :

BNA_F

ClientSampleId :

121117-JETT-E-U-BRE

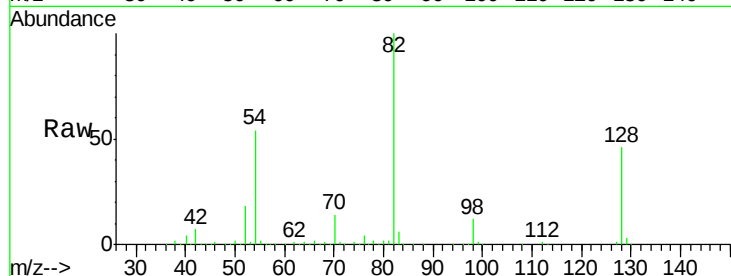
Tot Ion: 82 Resp: 800967

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

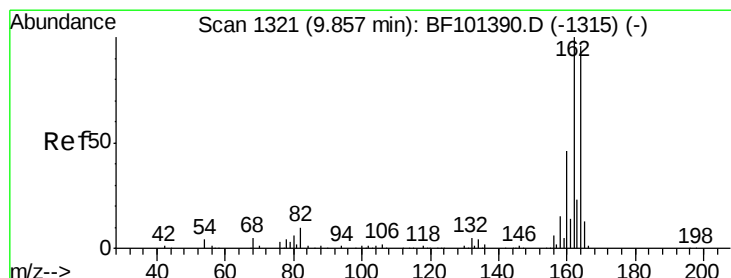
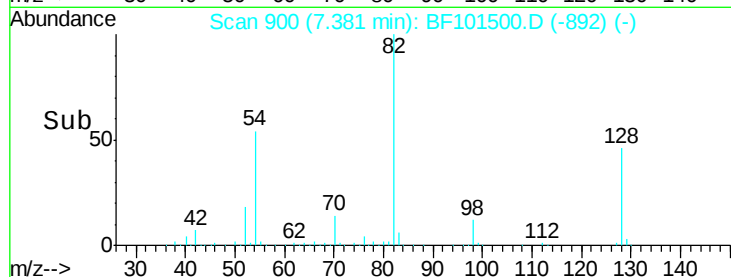
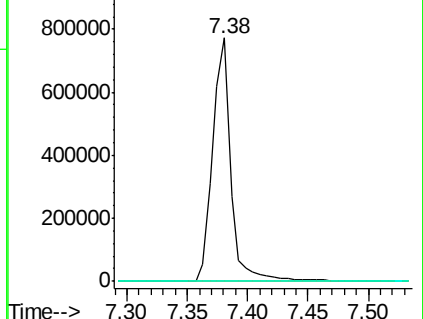
138 0.0 14.9 22.3#



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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

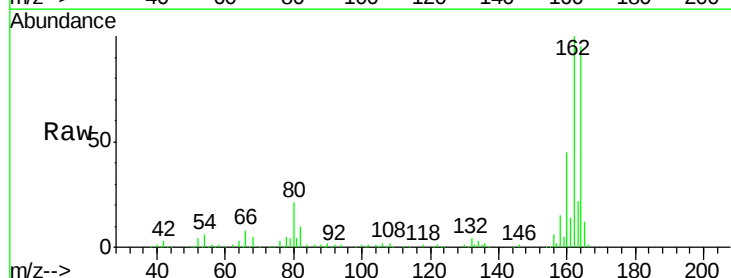
Tgt Ion: 164 Resp: 186669

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

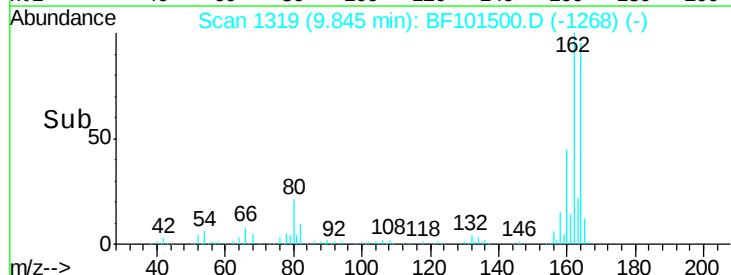
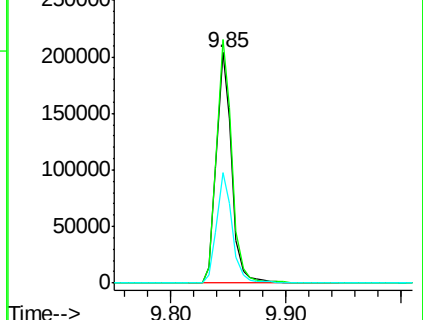
160 47.8 38.3 57.5

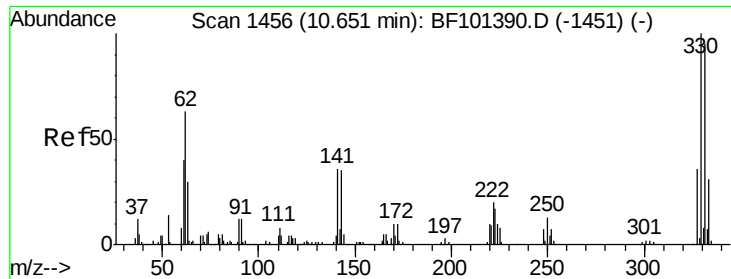


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

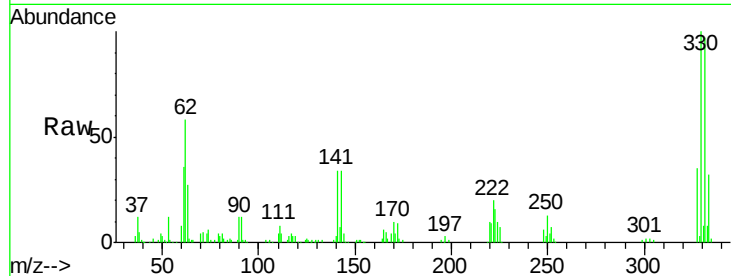




#41
 2,4,6-Tribromophenol
 Concen: 68.82 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Instrument :
 BNA_F
 ClientSampleId :
 121117-JETT-E-U-BRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.5	29.9	44.9

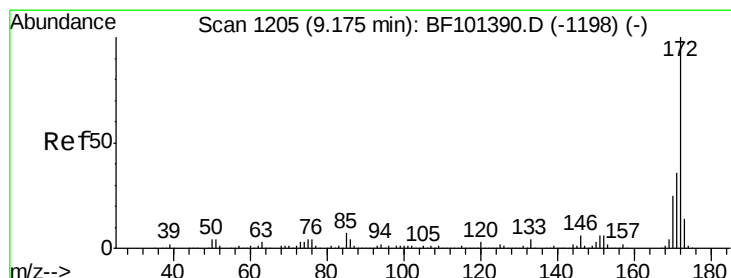
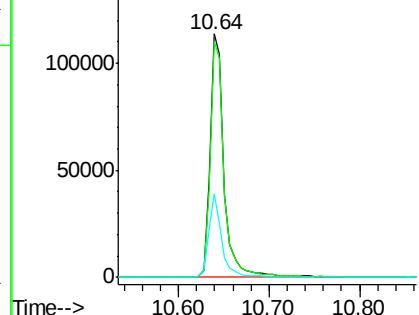
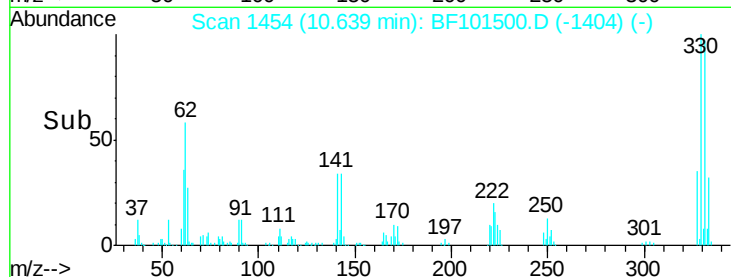


Abundance

Ion 329.80 (329.50 to 330.50): E

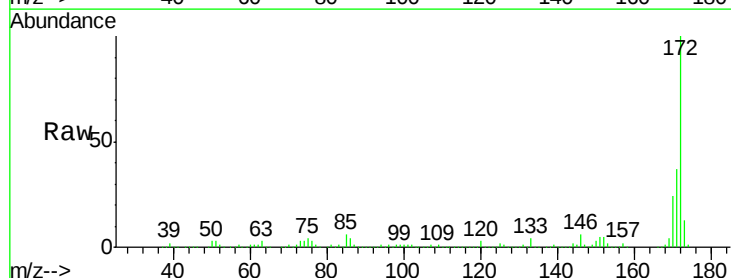
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.01 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	19.6	29.4

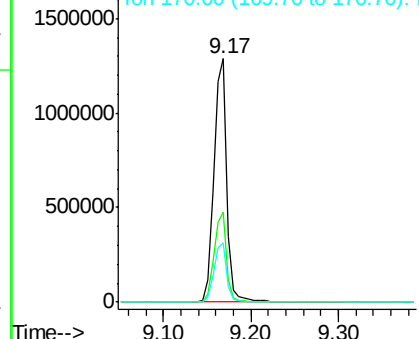
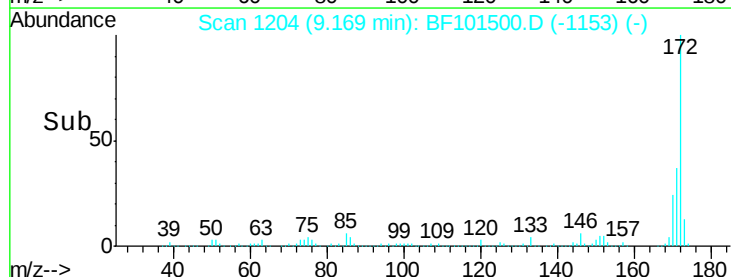


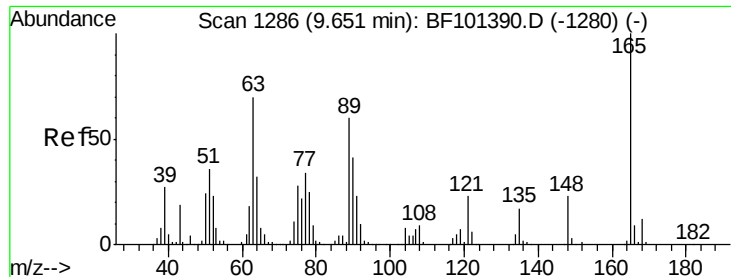
Abundance

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

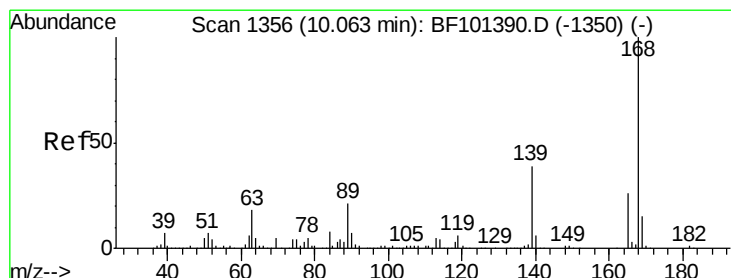
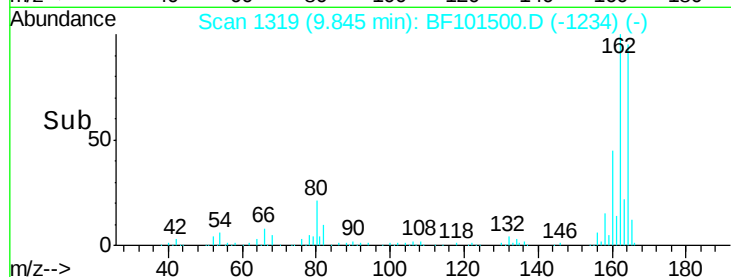
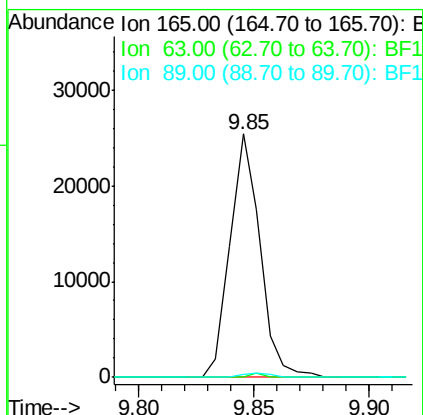
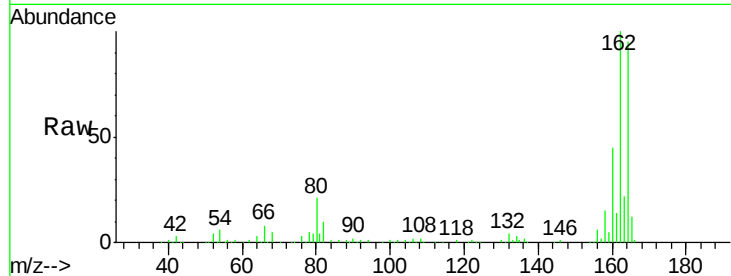




#50
 2,6-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

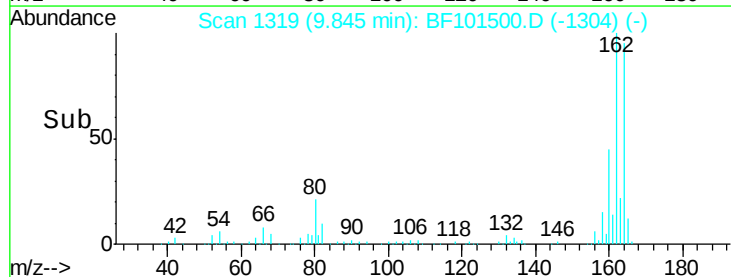
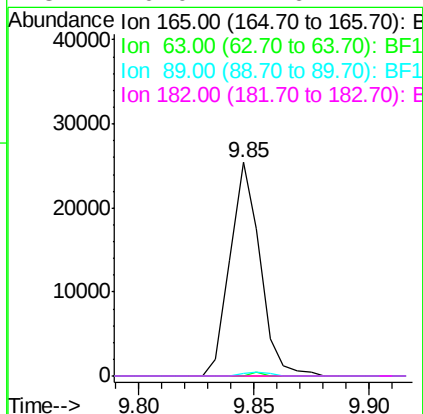
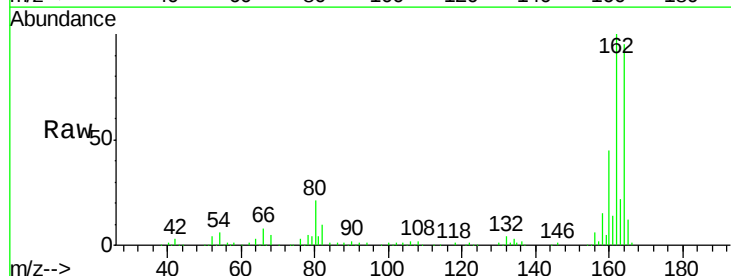
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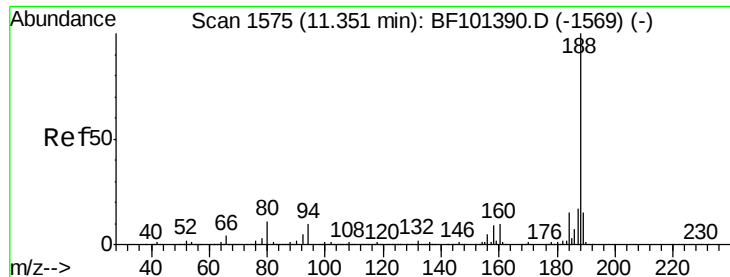
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

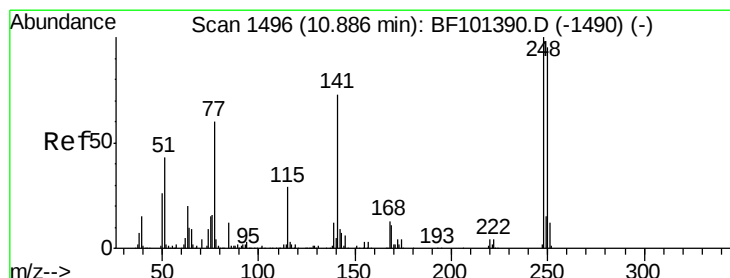
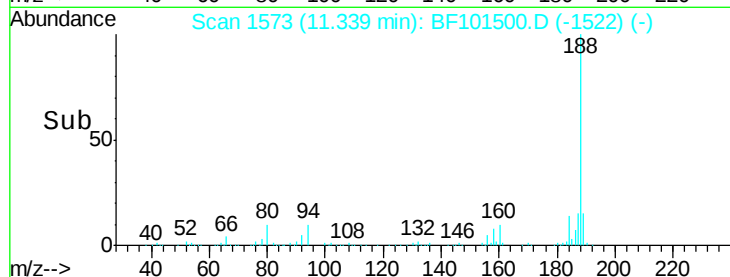
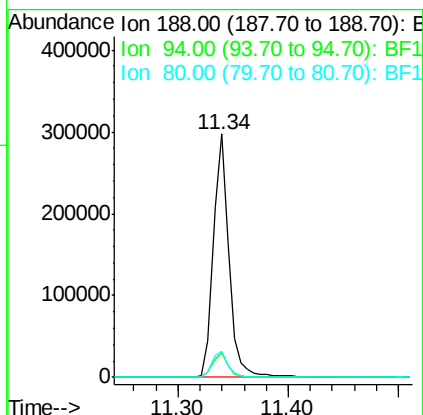
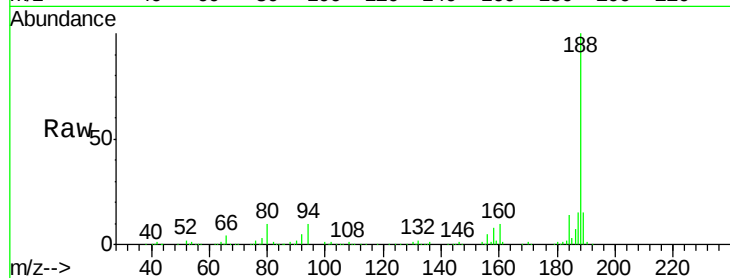




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101500.D
Acq: 19 Dec 2017 1:36

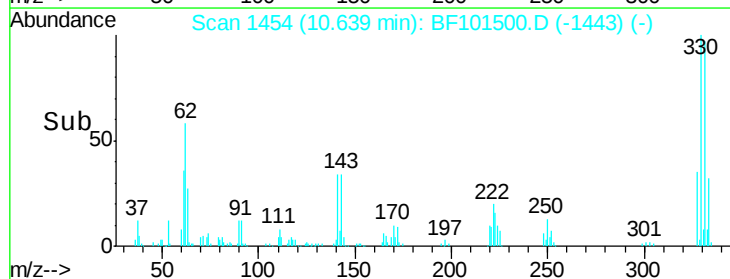
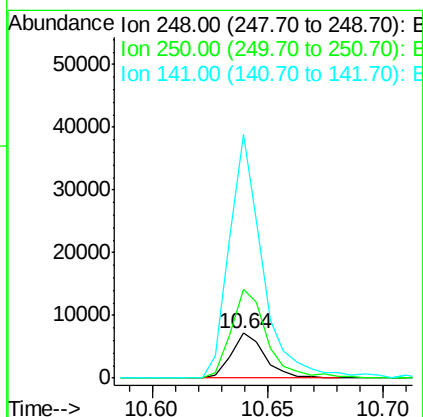
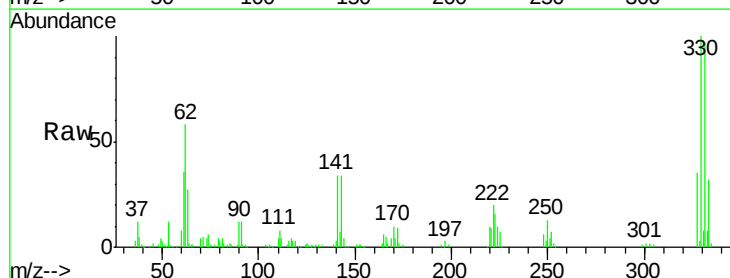
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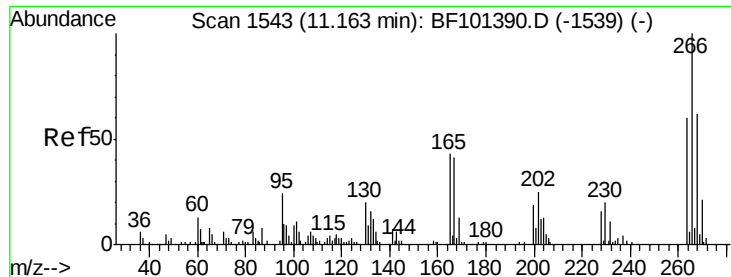
Tot Ion:188 Resp: 287098
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101500.D
Acq: 19 Dec 2017 1:36

Tgt Ion:248 Resp: 7291
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 540.8 74.4 111.6#

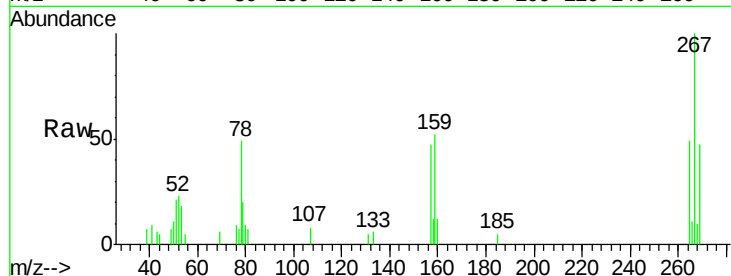




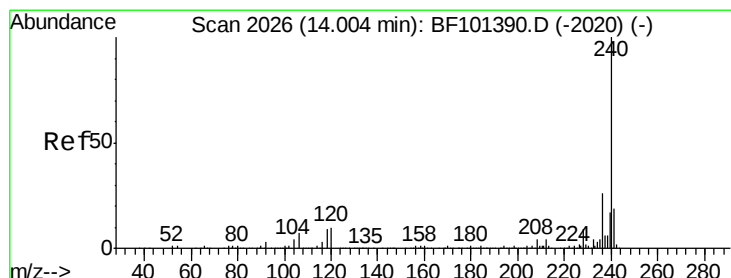
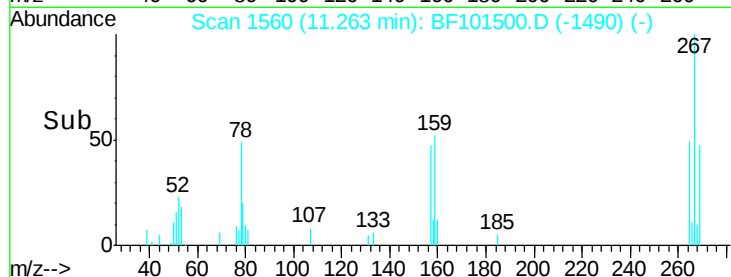
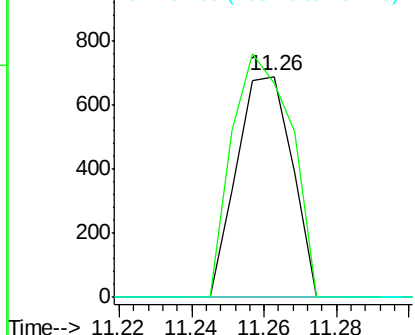
#69
 Pentachlorophenol
 Concen: 7.07 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.11 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Instrument :
 BNA_F
 ClientSampleId :
 121117-JETT-E-U-BRE

Tot Ion:266 Resp: 736
 Ion Ratio Lower Upper
 266 100
 268 96.8 51.1 76.7#
 264 0.0 49.5 74.3#

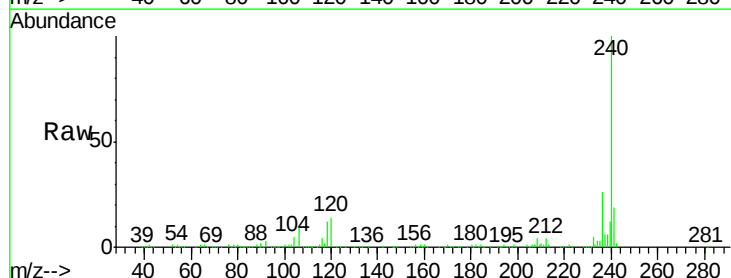


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

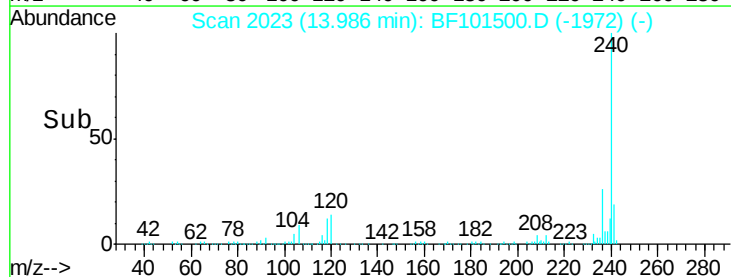
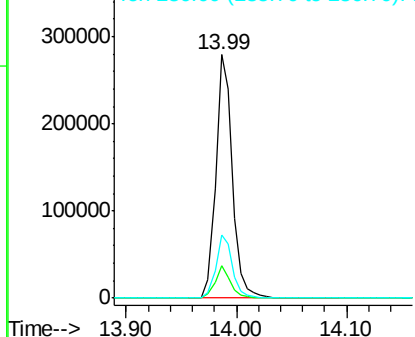


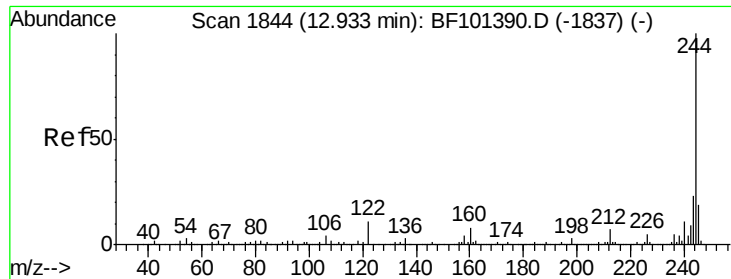
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101500.D
 Acq: 19 Dec 2017 1:36

Tgt Ion:240 Resp: 287659
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 26.1 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: 76.52 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

Instrument :

BNA_F

ClientSampleId :

121117-JETT-E-U-BRE

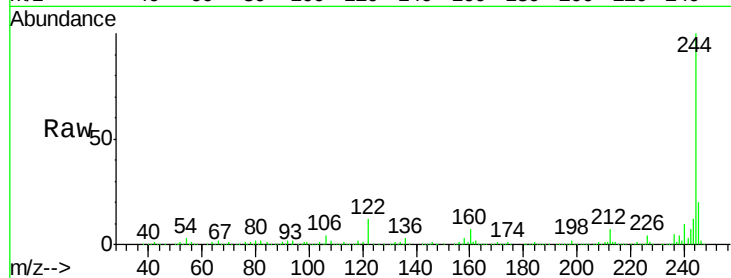
Tot Ion:244 Resp: 913002

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

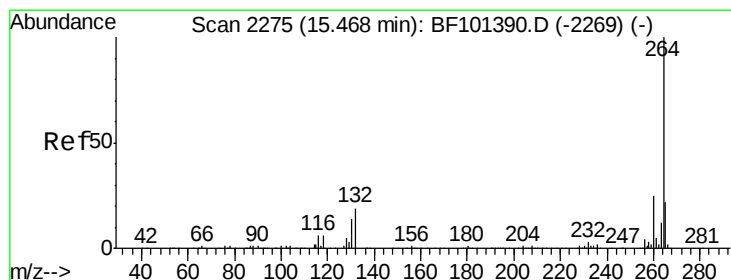
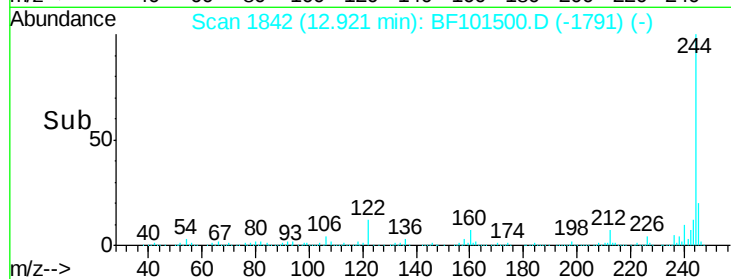
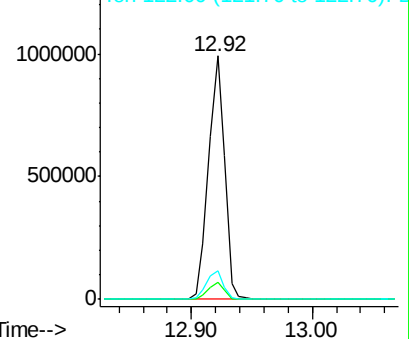
122 11.9 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF101500.D

Acq: 19 Dec 2017 1:36

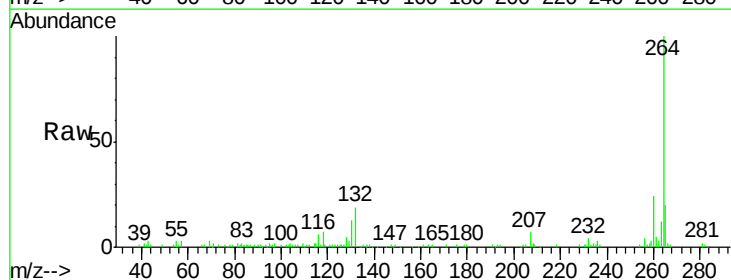
Tgt Ion:264 Resp: 100831

Ion Ratio Lower Upper

264 100

260 23.6 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

