

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101595.D
 Acq On : 21 Dec 2017 9:18
 Operator : SJ/JU
 Sample : I6971-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-M

Quant Time: Dec 21 10:52:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

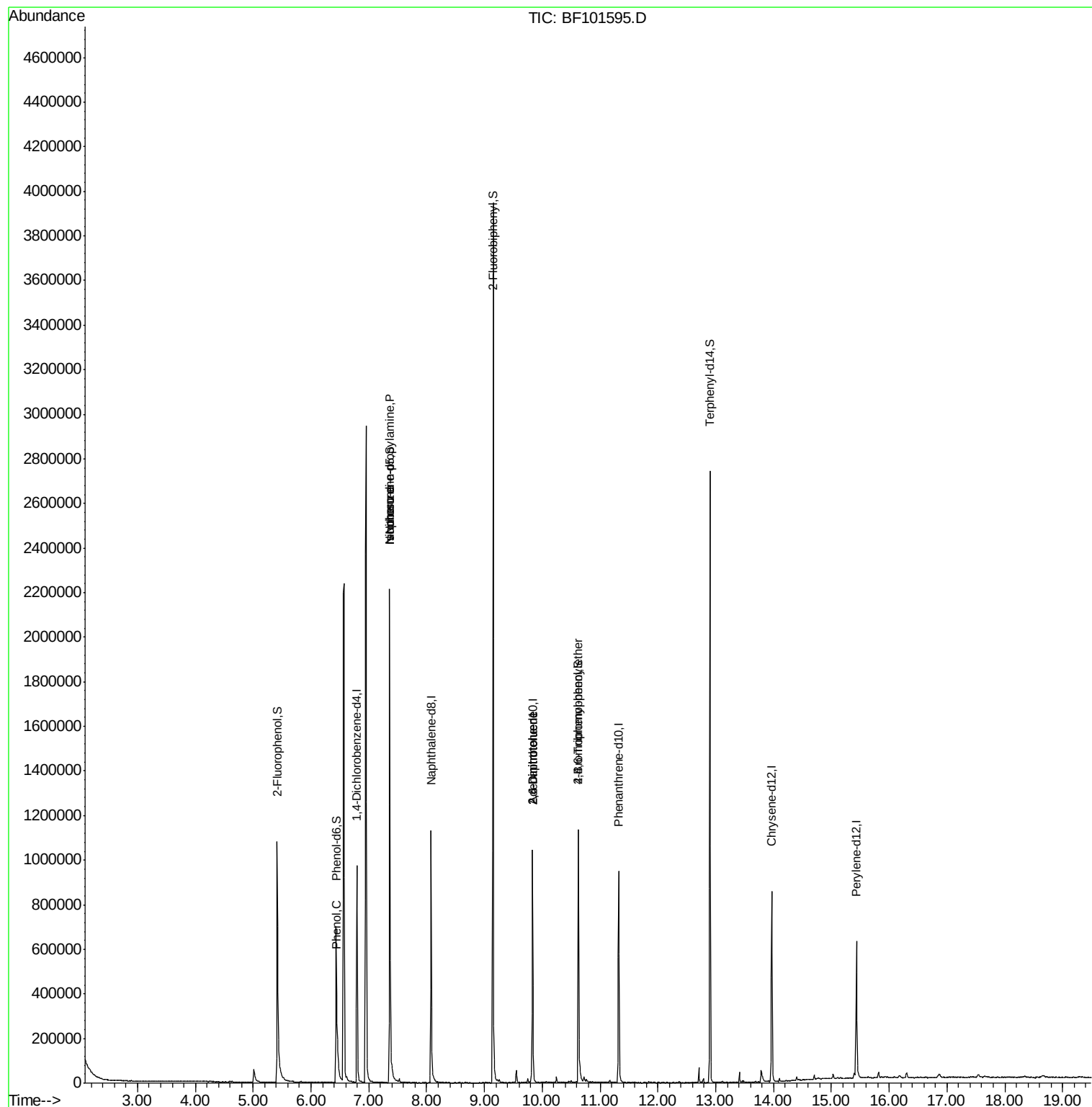
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147699	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	564428	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	222131	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	349992	20.00	ng	0.00
75) Chrysene-d12	13.97	240	296484	20.00	ng	0.00
86) Perylene-d12	15.43	264	319089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	448240	45.21	ng	0.00
7) Phenol-d6	6.43	99	341673	27.69	ng	0.00
23) Nitrobenzene-d5	7.36	82	877408	86.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	159481	74.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1285226	89.75	ng	0.00
78) Terphenyl-d14	12.90	244	911931	74.15	ng	0.00
Target Compounds						
10) Phenol	6.45	94	28346	2.015	ng	# 69
19) n-Nitroso-di-n-propylamine	7.36	70	118053	14.567	ng	# 84
25) Isophorone	7.36	82	877408	43.136	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	27769	7.647	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	27769	6.787	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	10042	2.554	ng	# 1

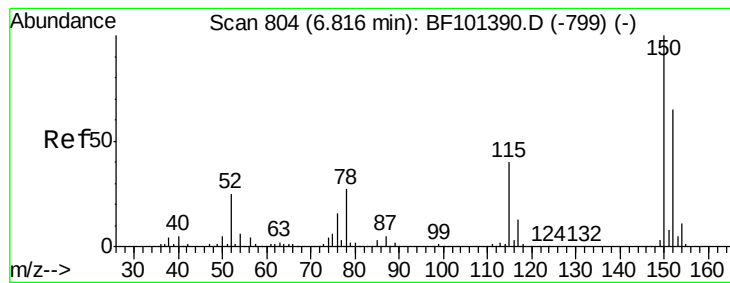
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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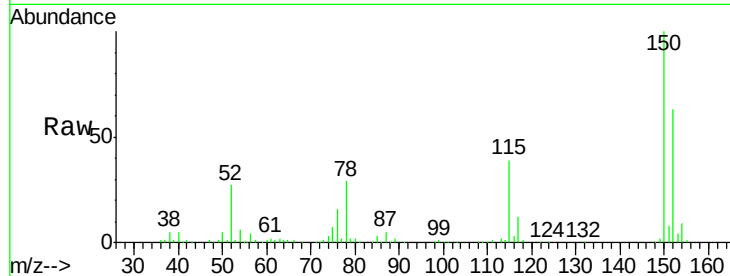


#1

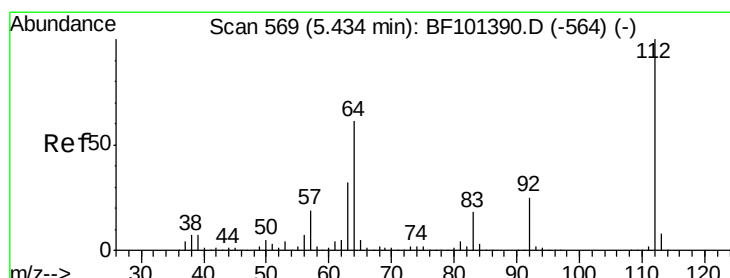
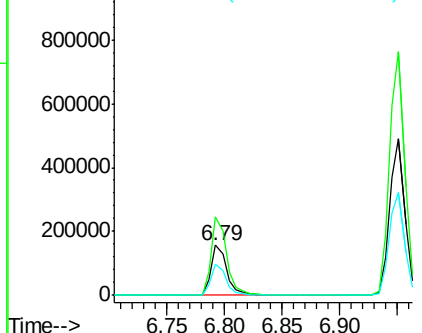
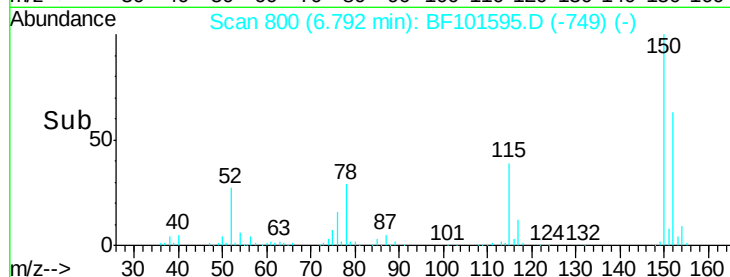
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-M

Tgt Ion:152 Resp: 147699
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 61.3 50.1 75.1



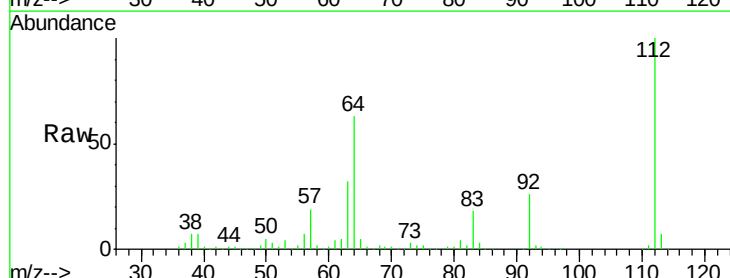
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



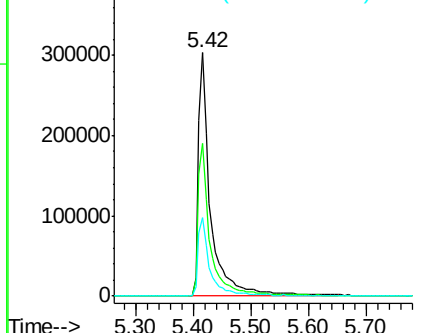
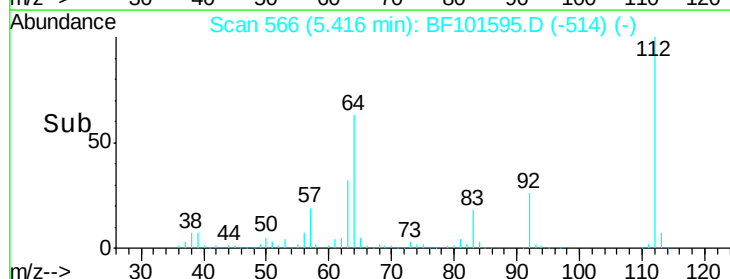
#5

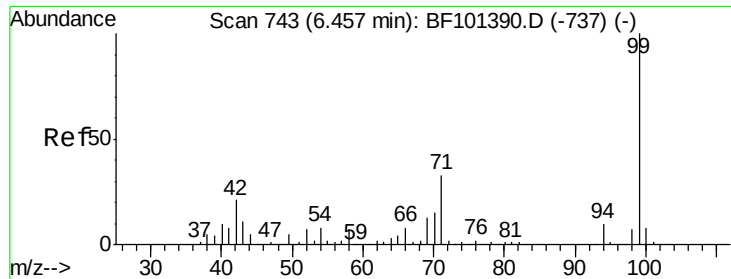
2-Fluorophenol
 Concen: 45.206 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Tgt Ion:112 Resp: 448240
 Ion Ratio Lower Upper
 112 100
 64 62.9 47.9 71.9
 63 32.0 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: 27.688 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-M

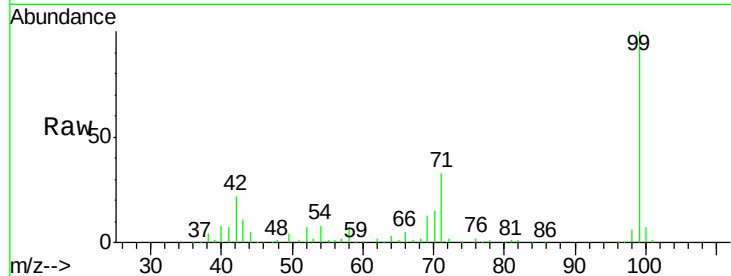
Tgt Ion: 99 Resp: 341673

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

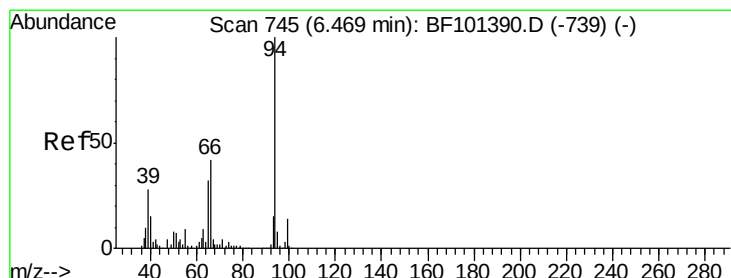
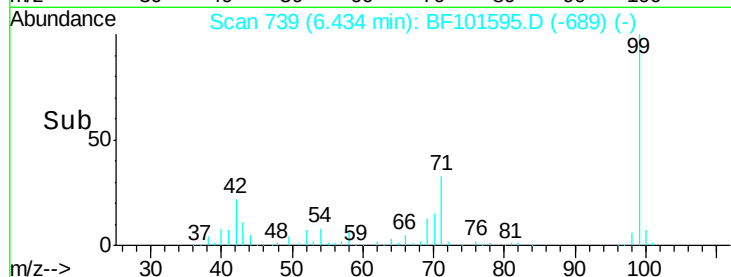
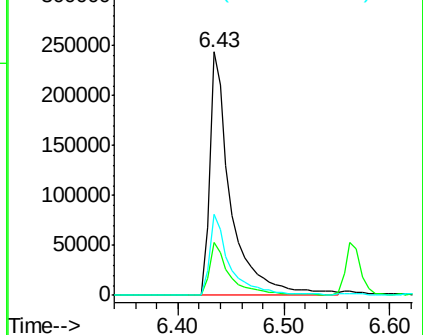
71 33.3 25.4 38.0



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



#10

Phenol

Concen: 2.015 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

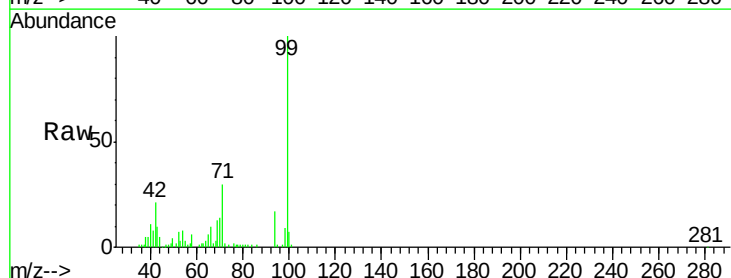
Tgt Ion: 94 Resp: 28346

Ion Ratio Lower Upper

94 100

65 37.8 7.9 47.9

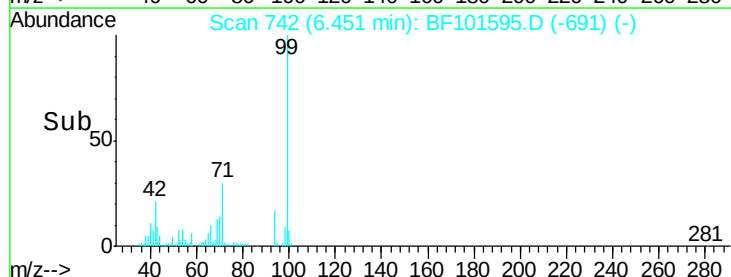
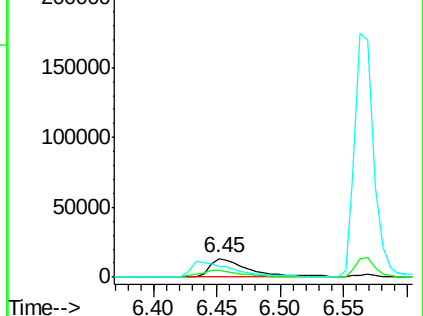
66 60.1 16.2 56.2#

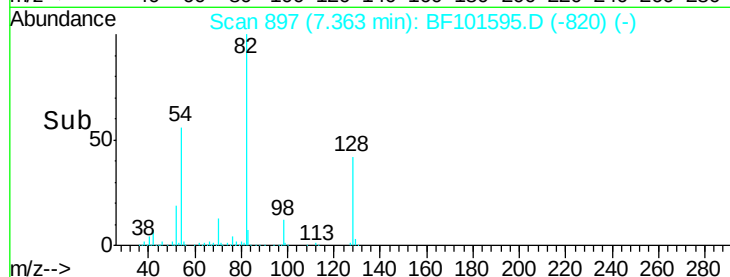
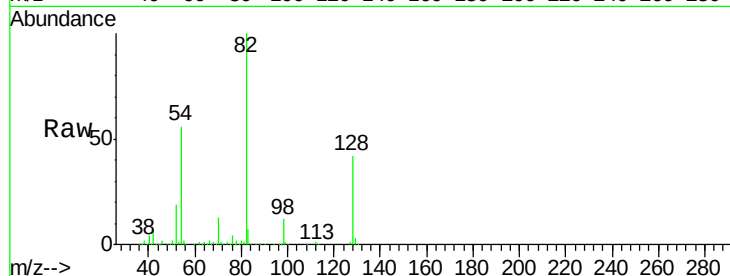
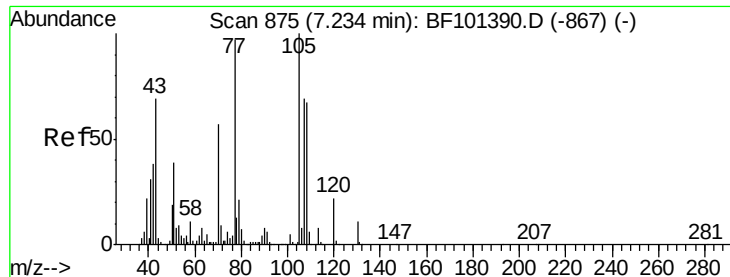


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

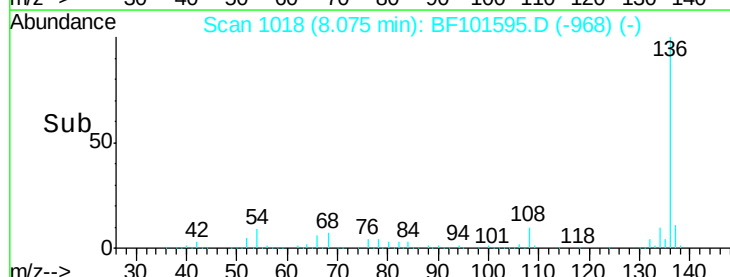
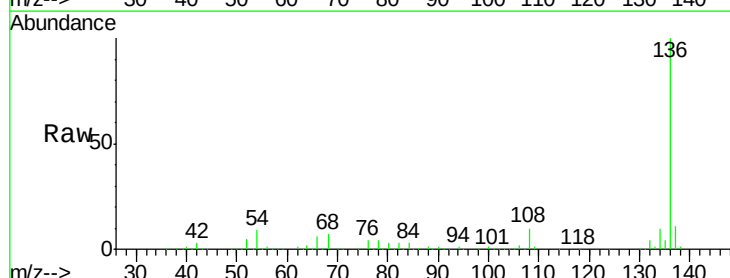
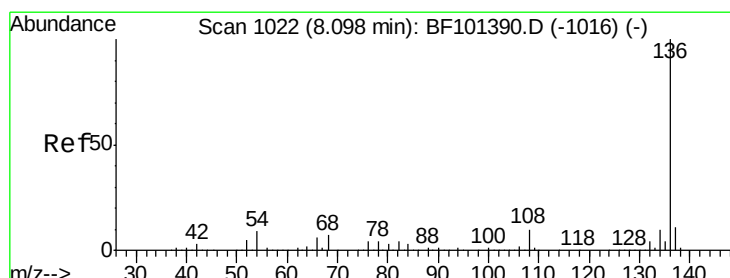
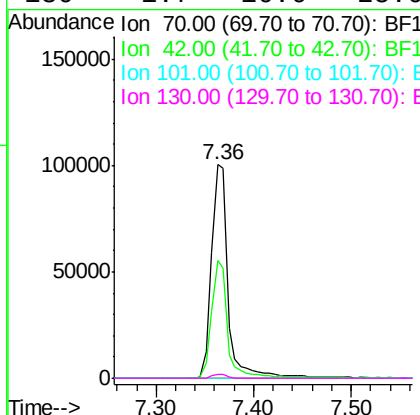




#19
n-Nitroso-di-n-propylamine
Concen: 14.567 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

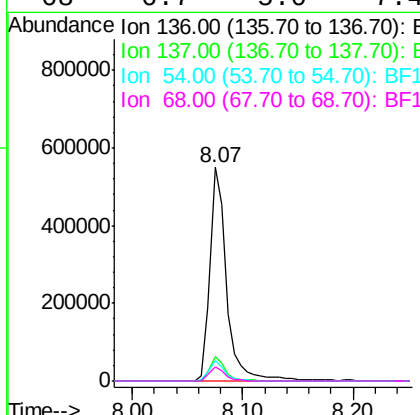
Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-M

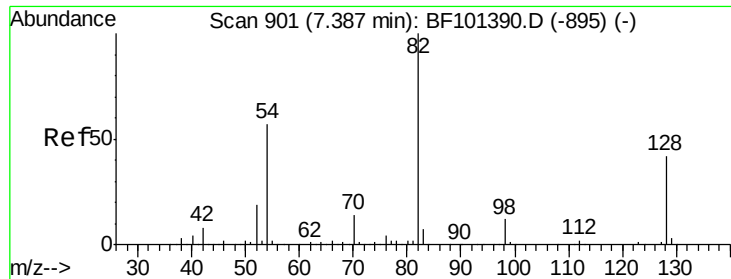
Tgt Ion: 70 Resp: 118053
Ion Ratio Lower Upper
70 100
42 54.9 47.5 71.3
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

Tgt Ion: 136 Resp: 564428
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.5 6.6 9.8
68 6.7 5.0 7.4

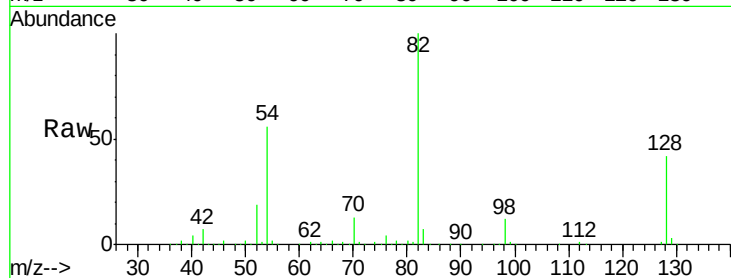




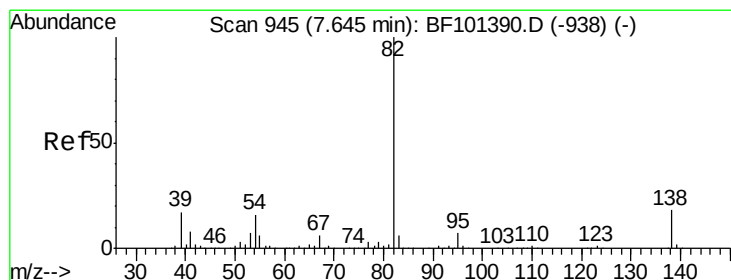
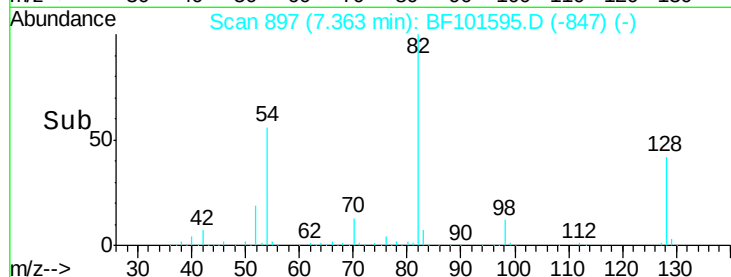
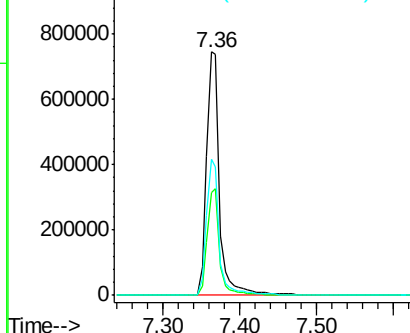
#23
Nitrobenzene-d5
Concen: 86.533 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-M

Tgt Ion: 82 Resp: 877408
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 56.1 41.4 62.2

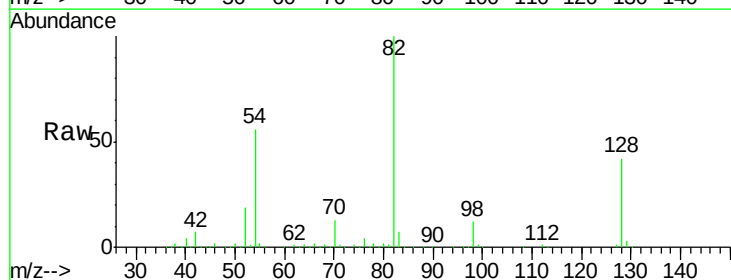


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

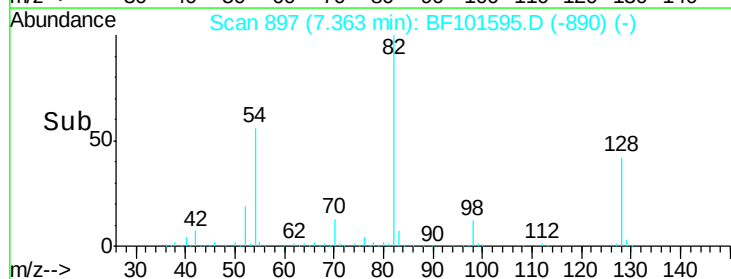
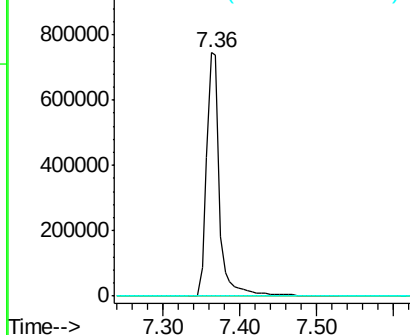


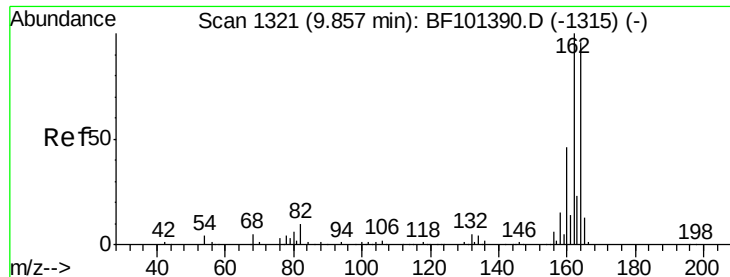
#25
Isophorone
Concen: 43.136 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

Tgt Ion: 82 Resp: 877408
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

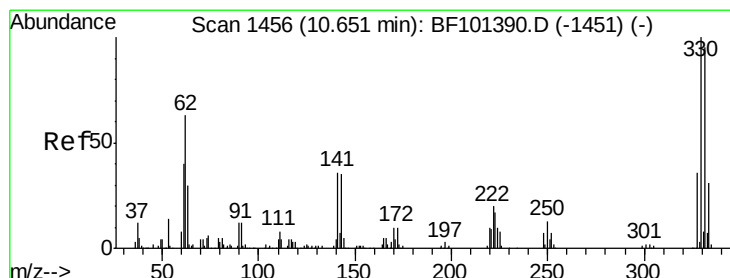
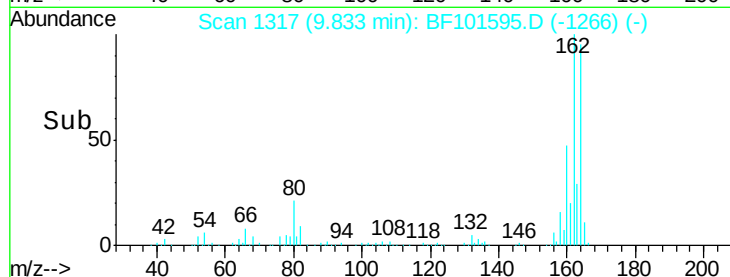
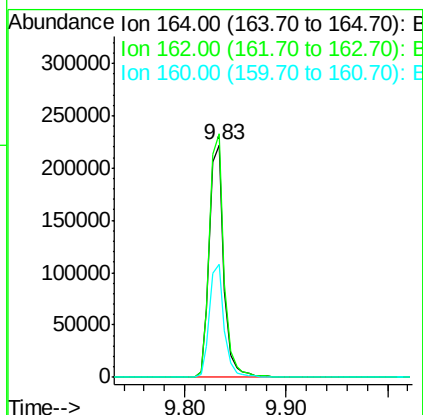
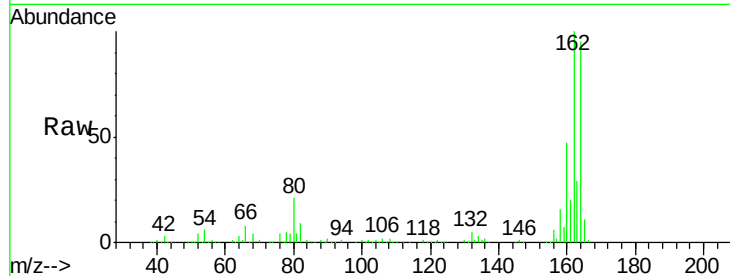




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

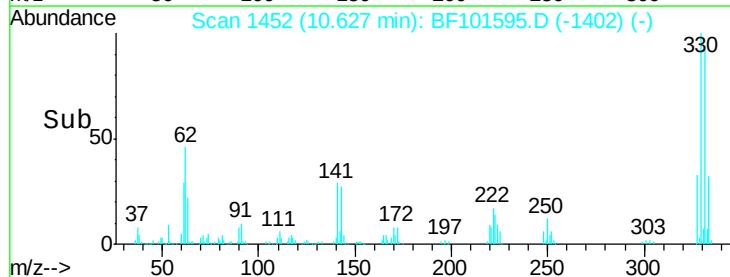
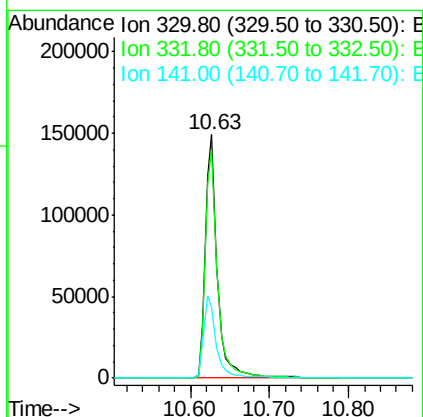
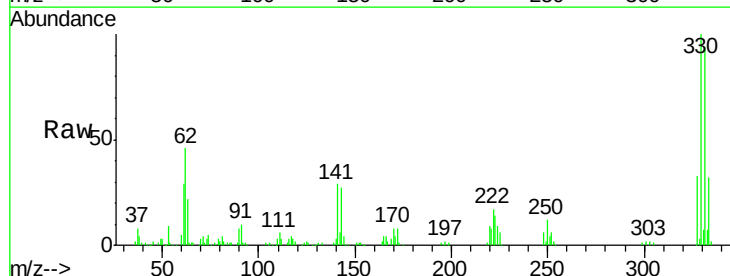
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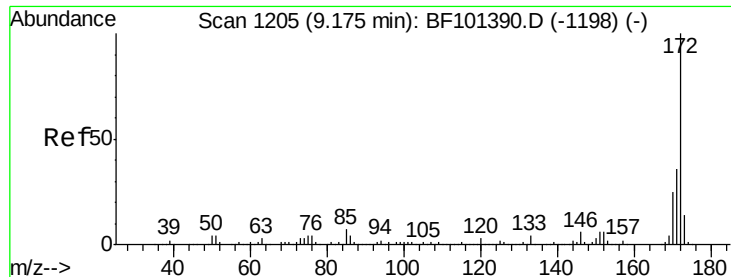
Tgt Ion:164 Resp: 222131
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 48.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 74.510 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

Tgt Ion:330 Resp: 159481
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 36.5 29.9 44.9

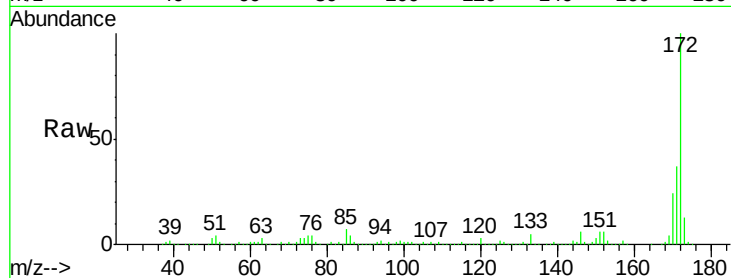




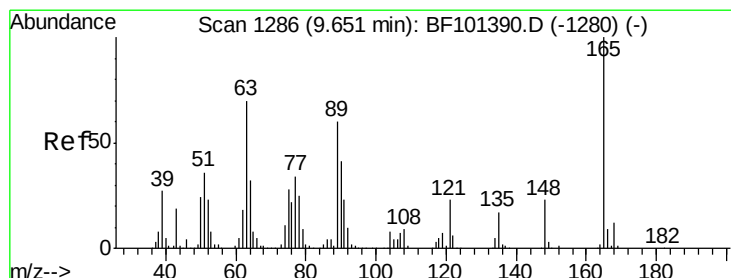
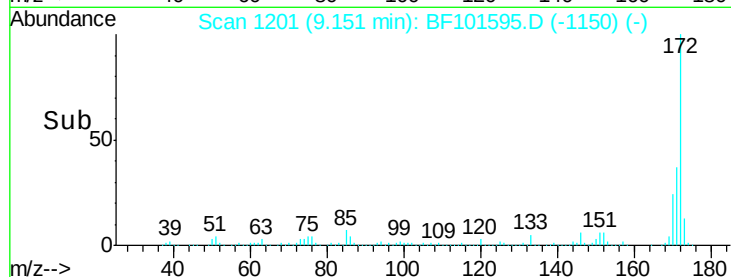
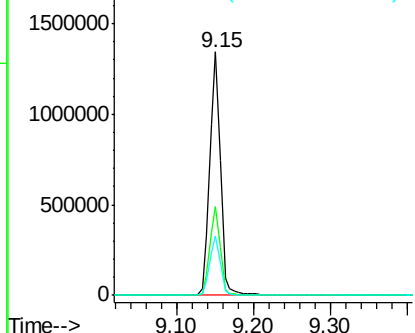
#44
 2-Fluorobiphenyl
 Concen: 89.753 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-M

Tgt Ion:172 Resp: 1285226
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.3 19.6 29.4

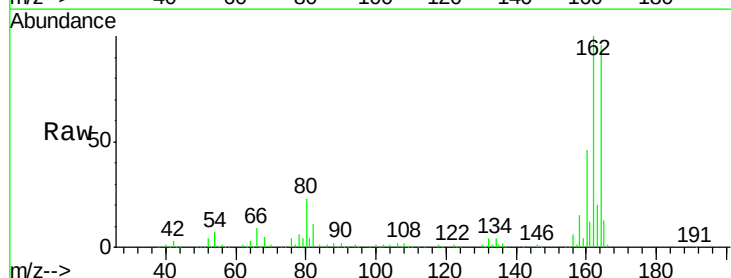


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

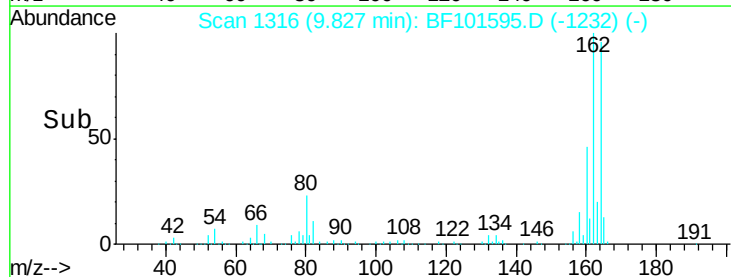
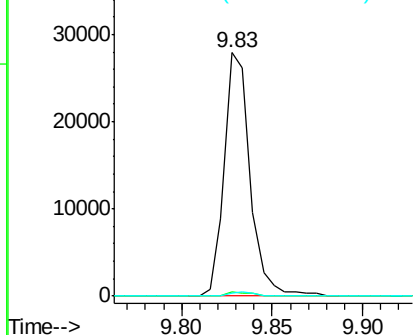


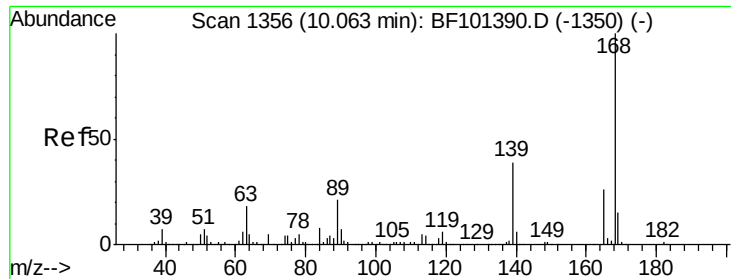
#50
 2,6-Dinitrotoluene
 Concen: 7.647 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Tgt Ion:165 Resp: 27769
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 1.2 44.0 66.0#



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

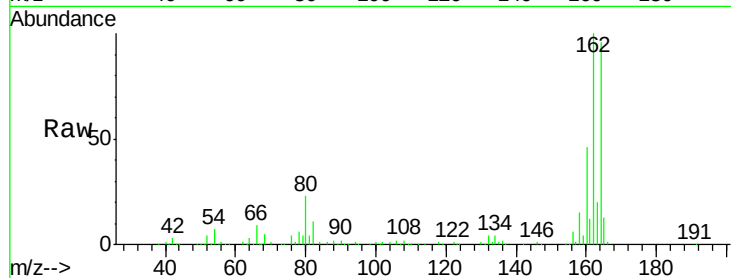




#56
 2,4-Dinitrotoluene
 Concen: 6.787 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-M

Tgt Ion:	165	Resp:	27769
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

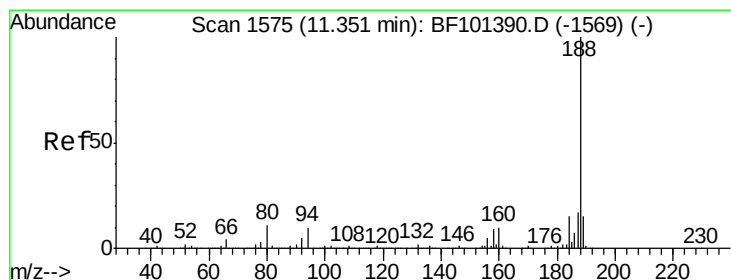
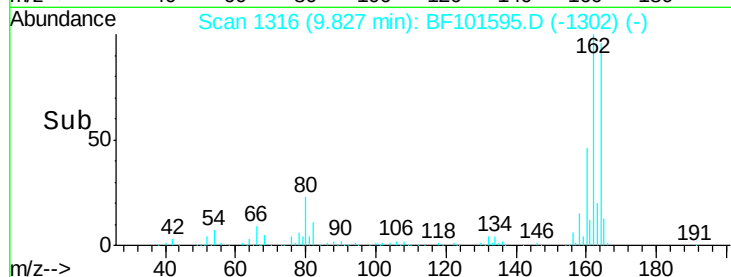
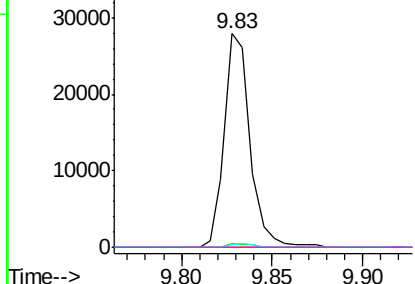


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

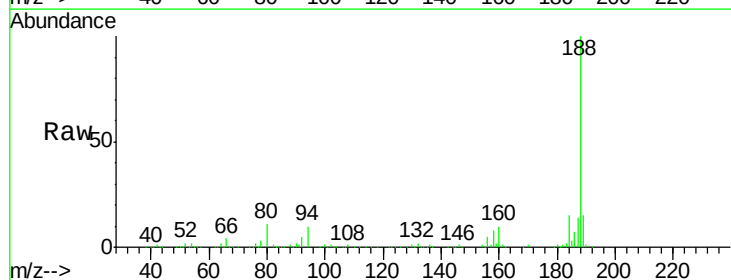
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101595.D
 Acq: 21 Dec 2017 9:18

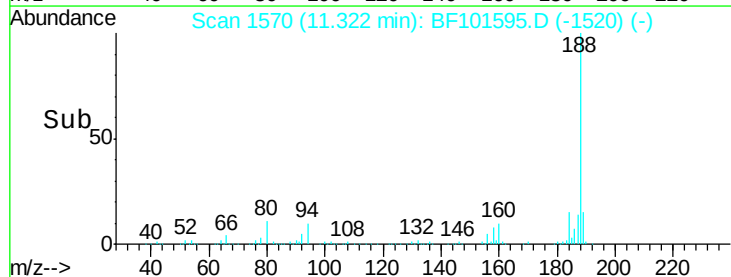
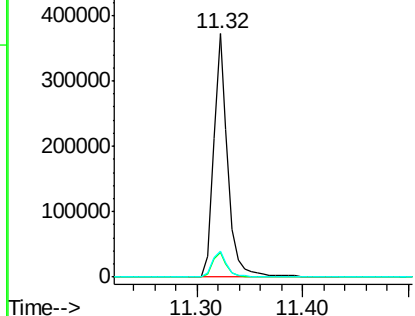
Tgt Ion:	188	Resp:	349992
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8

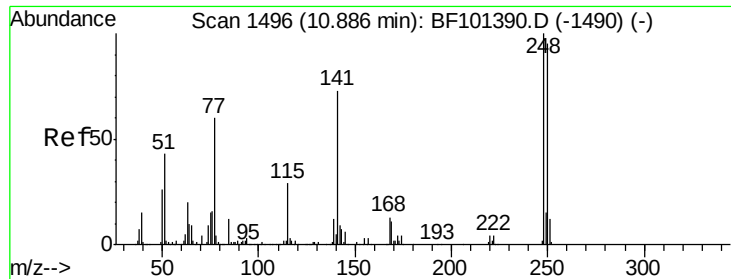


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

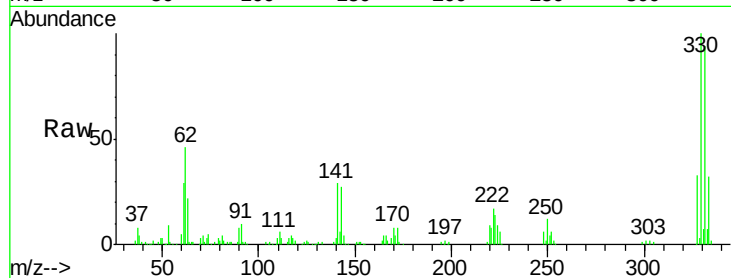




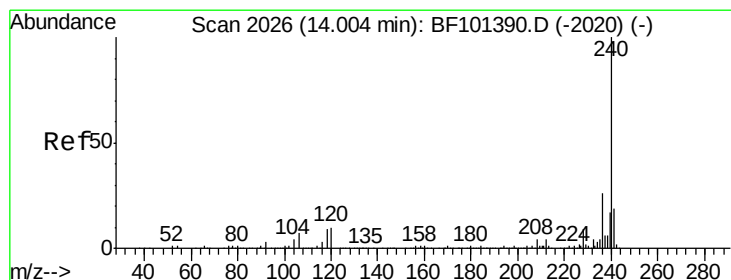
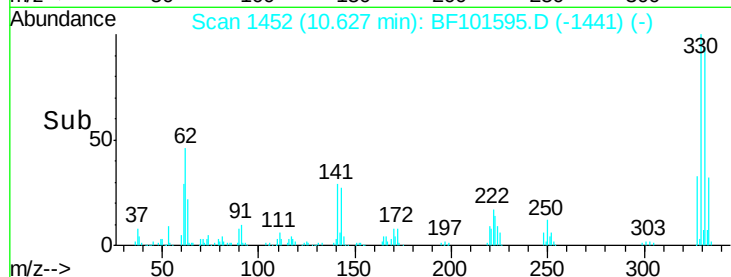
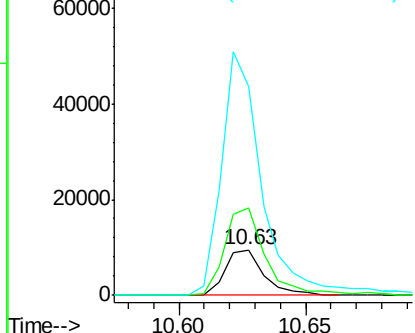
#66
4-Bromophenyl-phenylether
Concen: 2.554 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-M

Tgt Ion:248 Resp: 10042
Ion Ratio Lower Upper
248 100
250 191.7 76.9 115.3#
141 458.6 74.4 111.6#

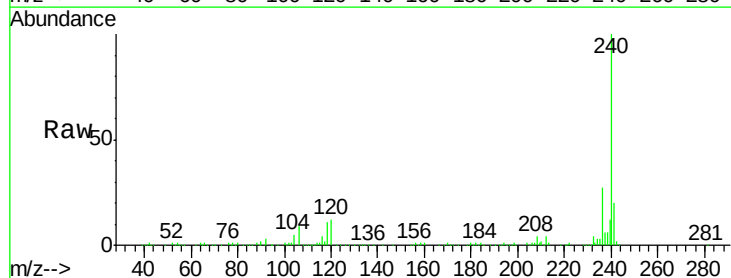


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

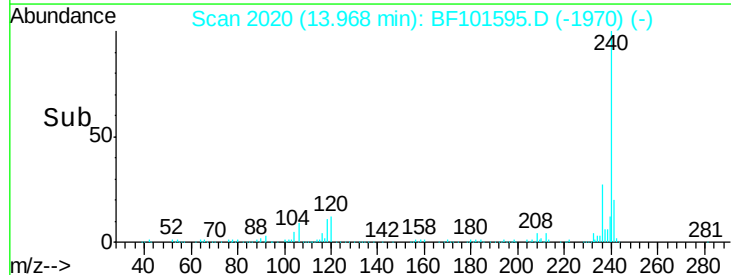
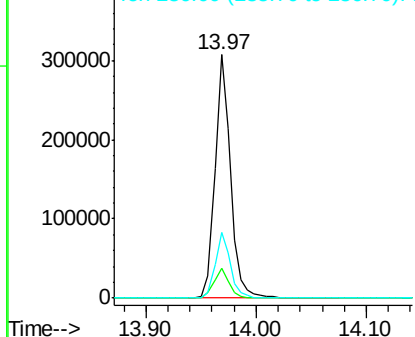


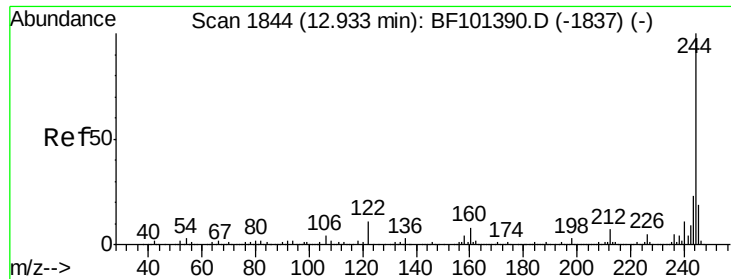
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101595.D
Acq: 21 Dec 2017 9:18

Tgt Ion:240 Resp: 296484
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 27.1 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: 74.151 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-M

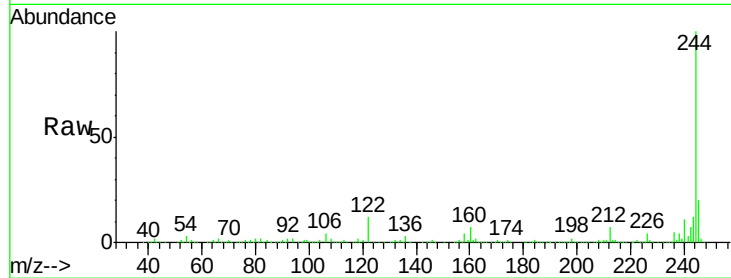
Tgt Ion:244 Resp: 911931

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

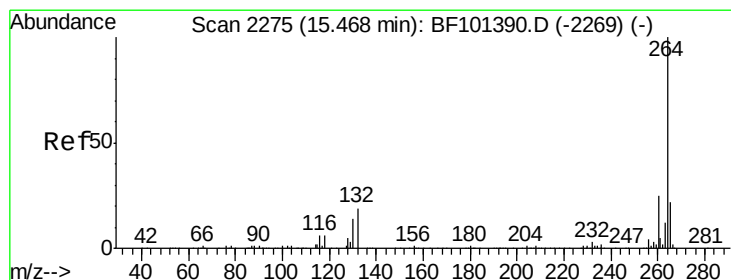
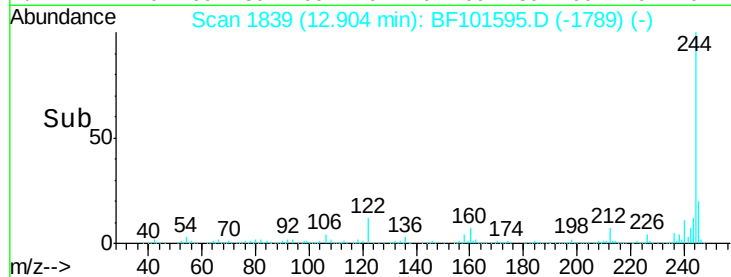
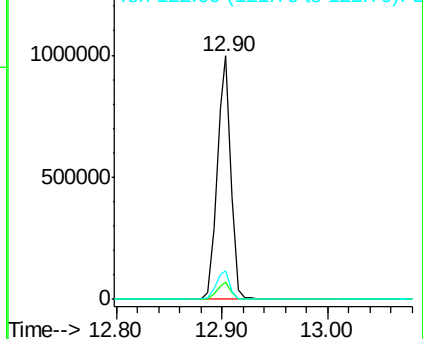
122 11.7 11.0 16.4



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: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101595.D

Acq: 21 Dec 2017 9:18

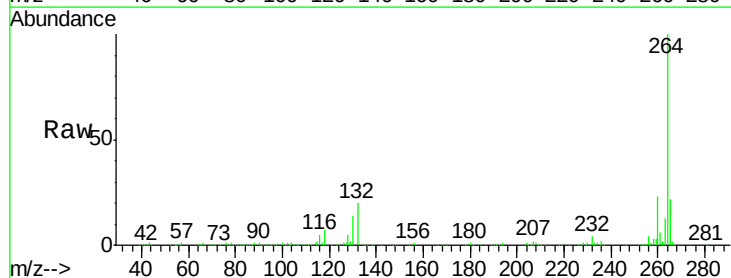
Tgt Ion:264 Resp: 319089

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

