

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089684.D
 Acq On : 9 Aug 2016 5:55
 Operator : UM/SJ
 Sample : H4309-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A-9-11

Quant Time: Aug 09 07:02:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

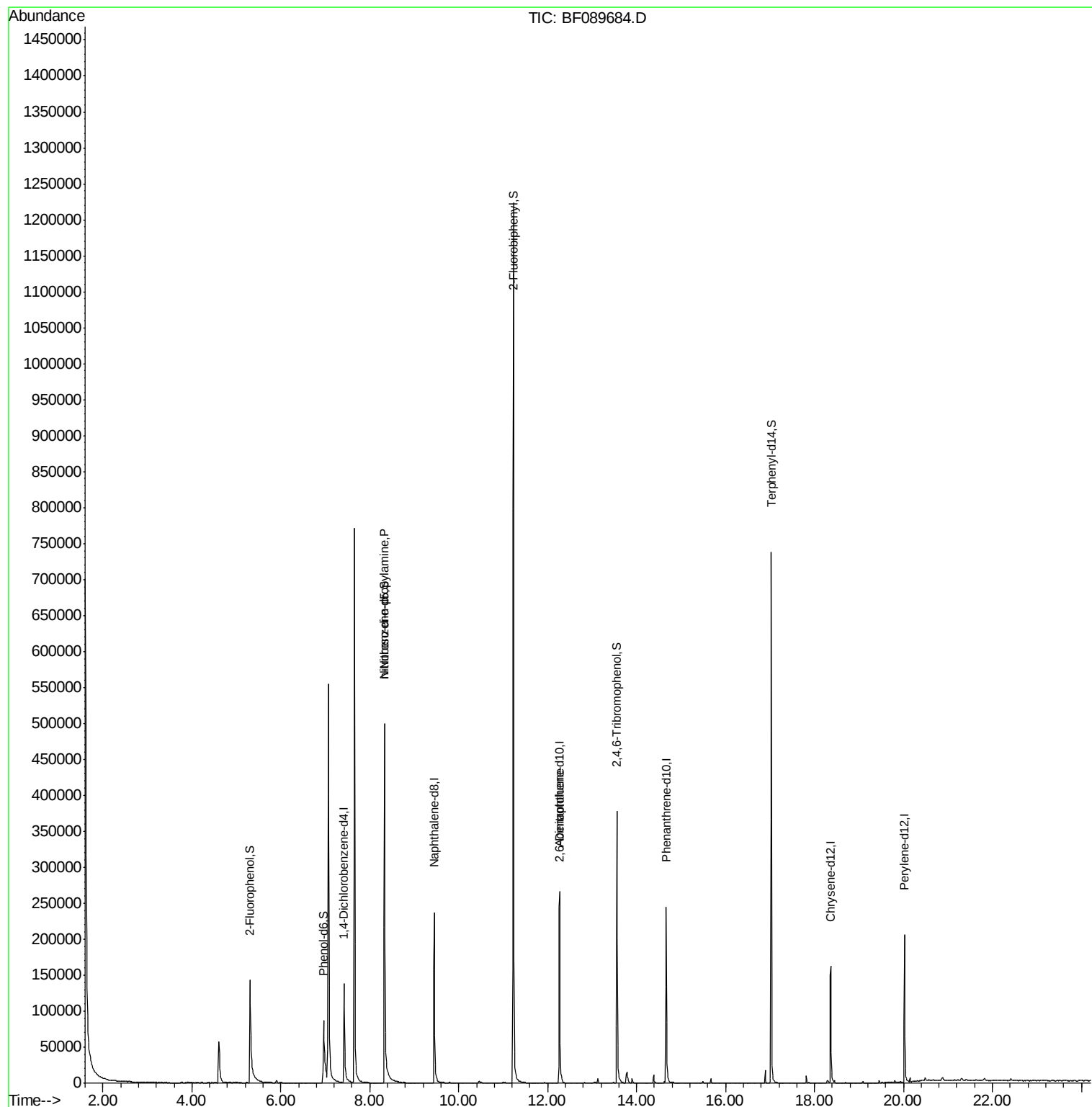
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	45538	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	195298	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	92119	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	157721	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	104786	20.00	ng	-0.02
86) Perylene-d12	20.02	264	99773	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	113232	41.68	ng	-0.01
7) Phenol-d6	6.96	99	95286	25.85	ng	-0.02
23) Nitrobenzene-d5	8.33	82	302639	85.71	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	59346	78.07	ng	-0.03
44) 2-Fluorobiphenyl	11.23	172	589189	83.12	ng	-0.02
78) Terphenyl-d14	17.03	244	301605	56.82	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.33	70	35584	13.36	ng	# 82
50) 2,6-Dinitrotoluene	12.26	165	10458	7.28	ng	# 24

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

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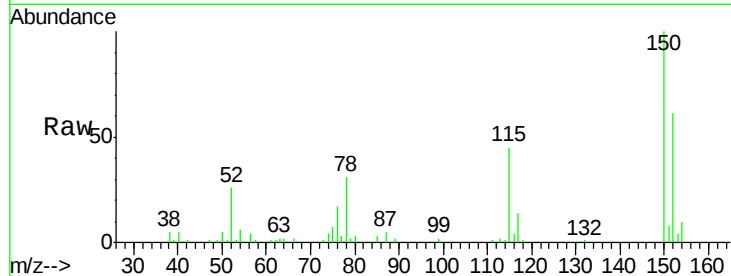


#1

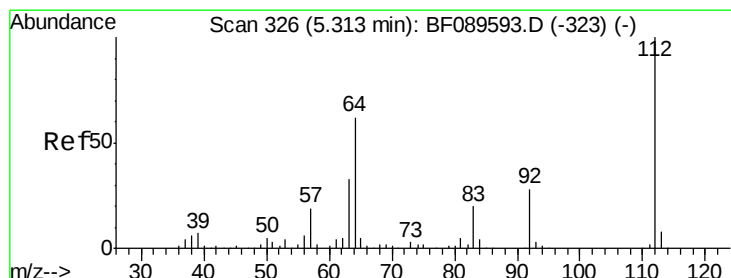
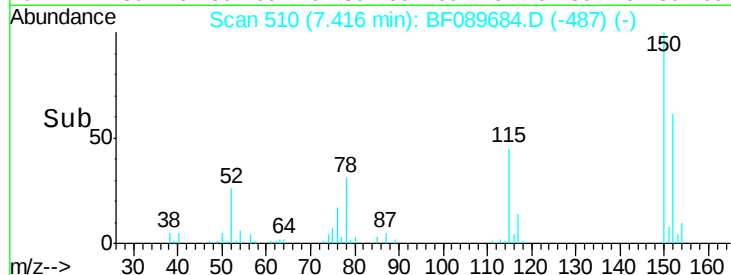
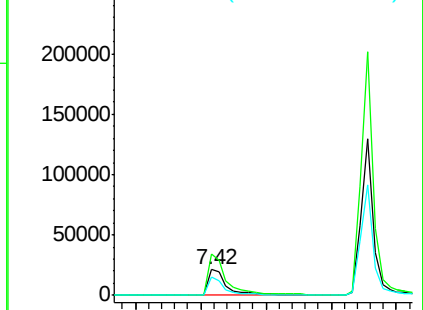
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF089684.D
Acq: 9 Aug 2016 5:55

Instrument :
BNA_F
ClientSampleId :
LOCATION-46A-9-11

Tgt Ion:152 Resp: 45538
Ion Ratio Lower Upper
152 100
150 162.6 125.5 188.3
115 72.6 52.0 78.0



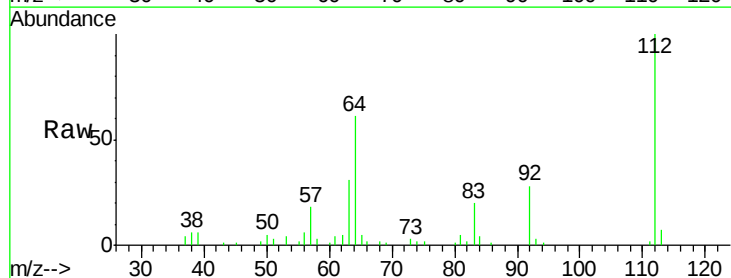
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



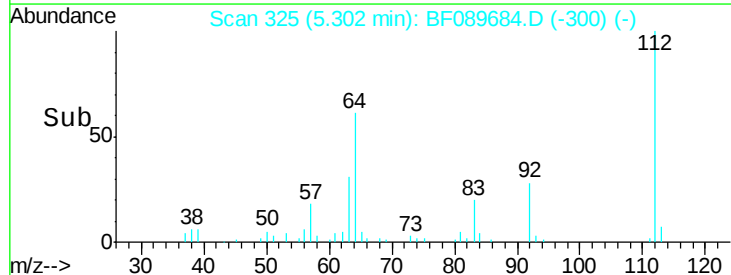
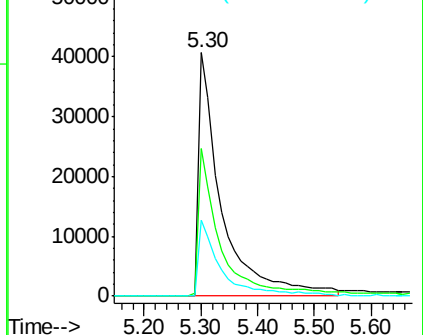
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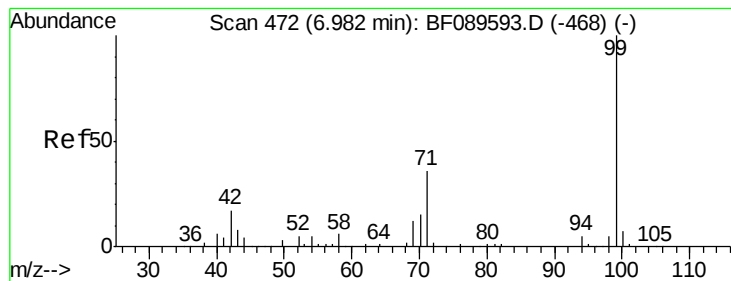
2-Fluorophenol
Concen: 41.68 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.01 min
Lab File: BF089684.D
Acq: 9 Aug 2016 5:55

Tgt Ion:112 Resp: 113232
Ion Ratio Lower Upper
112 100
64 60.5 49.9 74.9
63 31.4 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.85 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089684.D

Acq: 9 Aug 2016 5:55

Instrument :

BNA_F

ClientSampleId :

LOCATION-46A-9-11

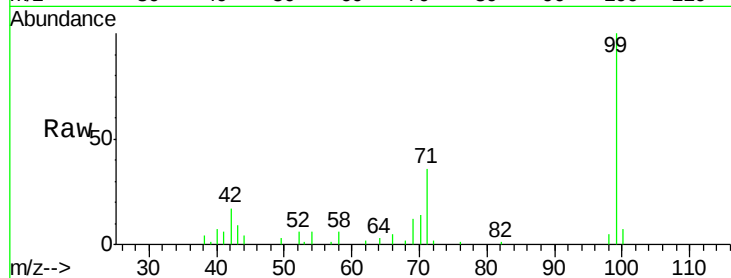
Tgt Ion: 99 Resp: 95286

Ion Ratio Lower Upper

99 100

42 17.0 13.7 20.5

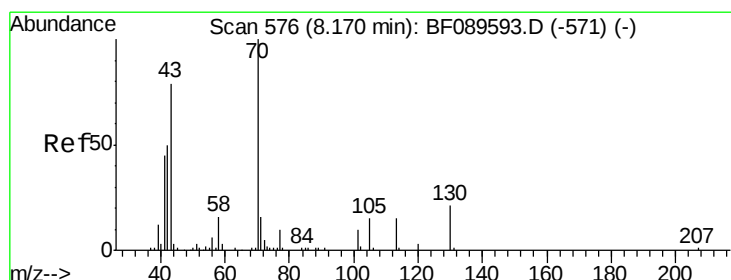
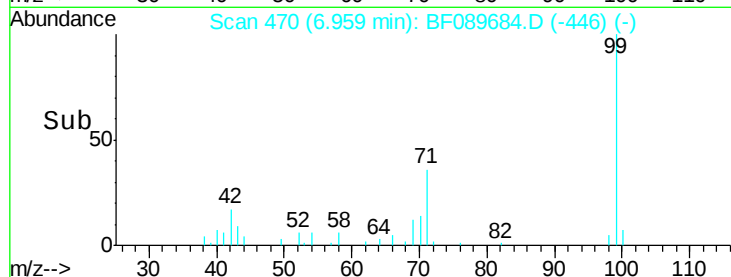
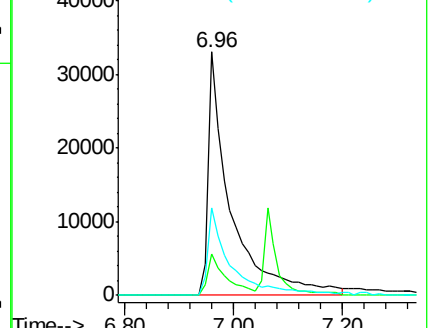
71 36.0 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.36 ng

RT: 8.33 min Scan# 590

Delta R.T. 0.16 min

Lab File: BF089684.D

Acq: 9 Aug 2016 5:55

Tgt Ion: 70 Resp: 35584

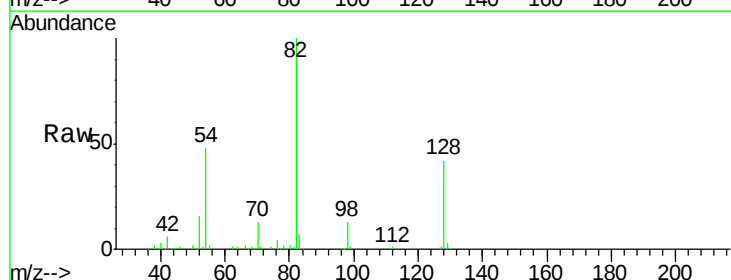
Ion Ratio Lower Upper

70 100

42 45.4 40.2 60.2

101 0.0 7.8 11.6#

130 2.3 16.4 24.6#

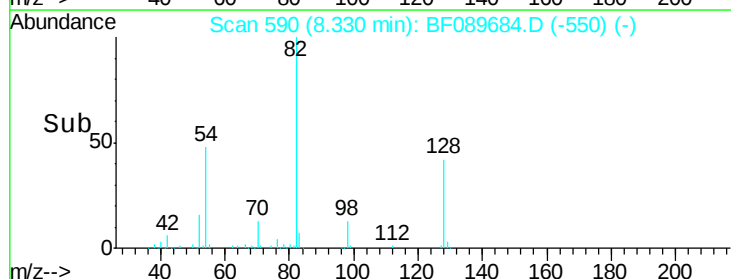
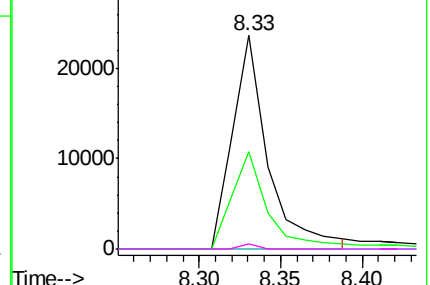


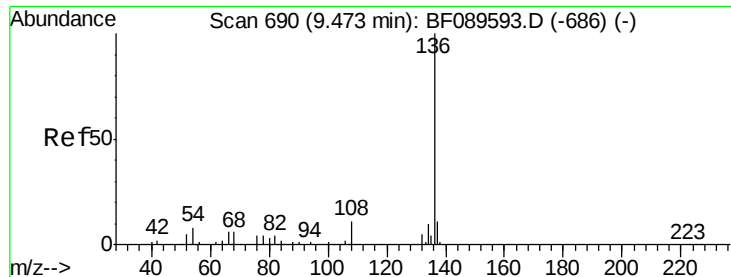
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

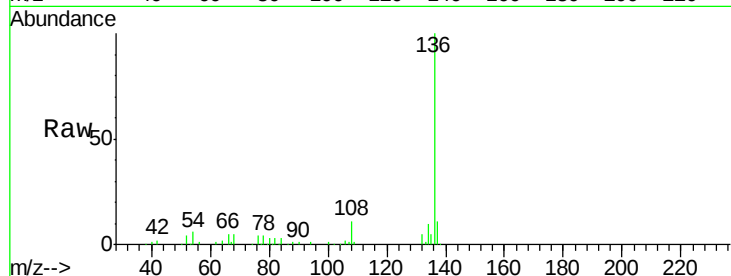




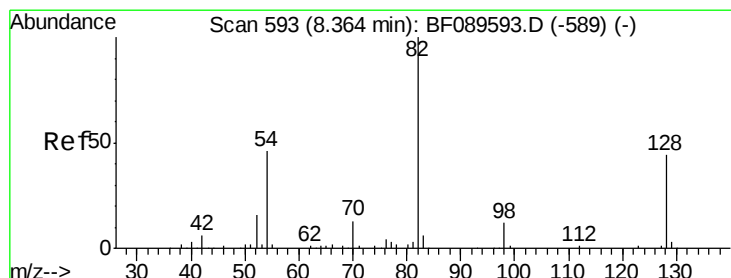
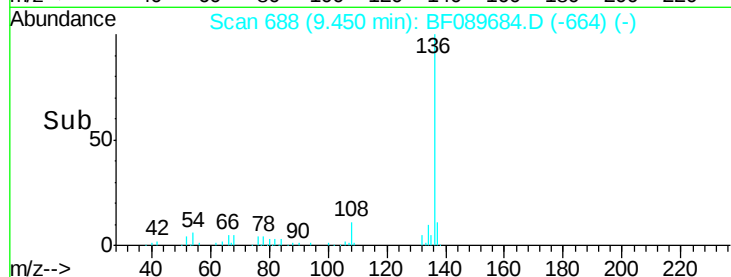
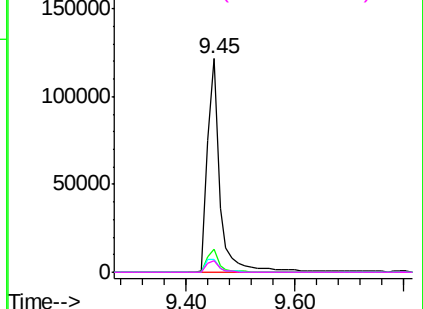
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089684.D
Acq: 9 Aug 2016 5:55

Instrument :
BNA_F
ClientSampleId :
LOCATION-46A-9-11

Tgt Ion:	136	Resp:	195298
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.1	6.0	9.0
68	5.2	4.6	6.8

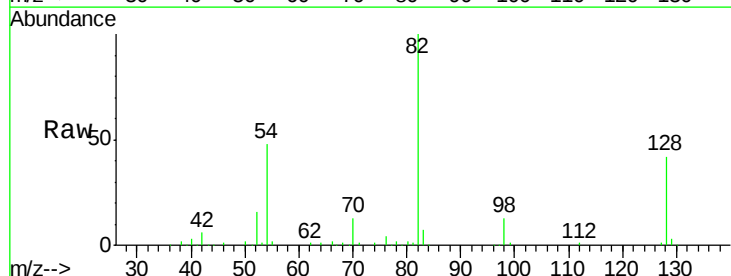


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

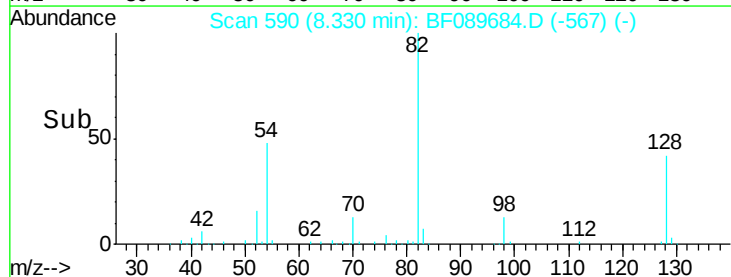
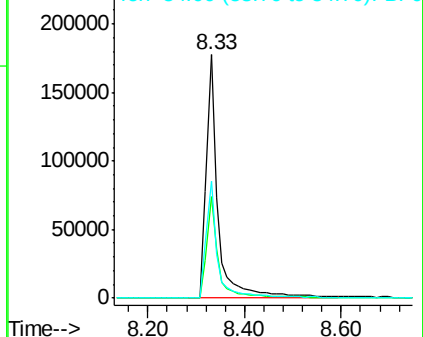


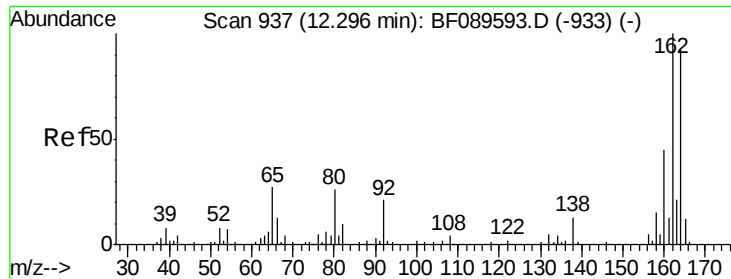
#23
Nitrobenzene-d5
Concen: 85.71 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF089684.D
Acq: 9 Aug 2016 5:55

Tgt Ion:	82	Resp:	302639
Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.4	53.0
54	47.9	36.4	54.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

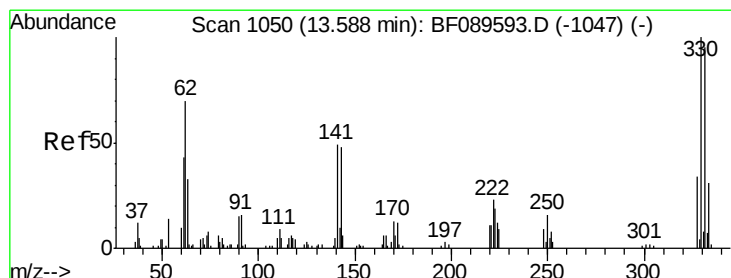
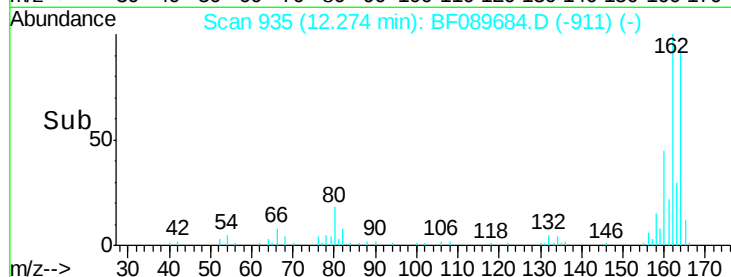
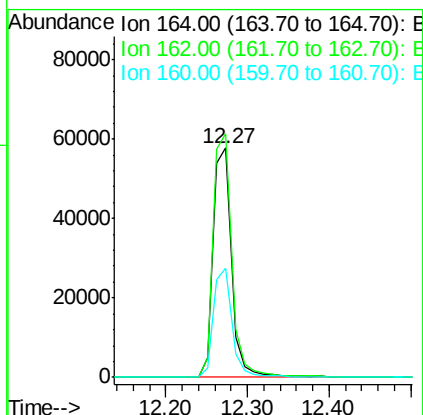
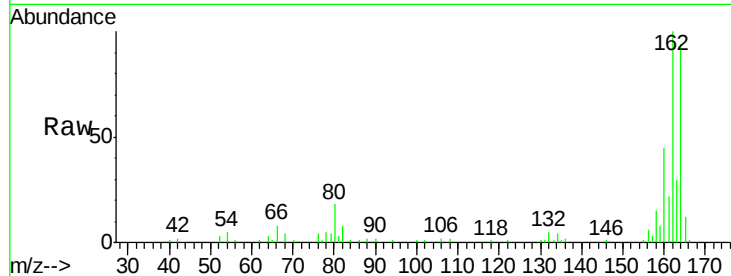




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

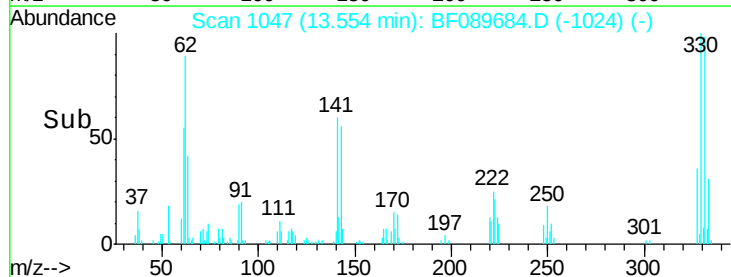
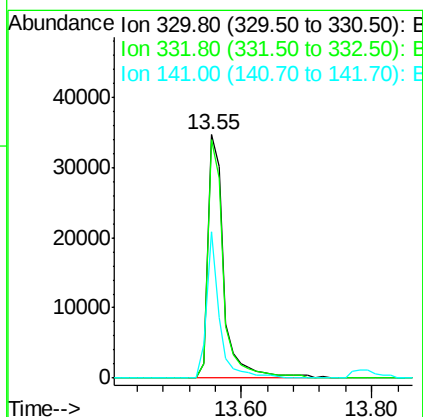
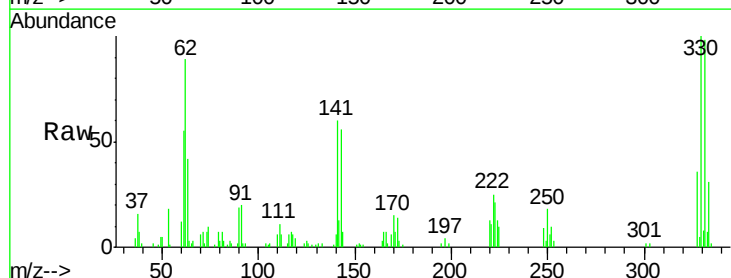
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 LOCATION-46A-9-11

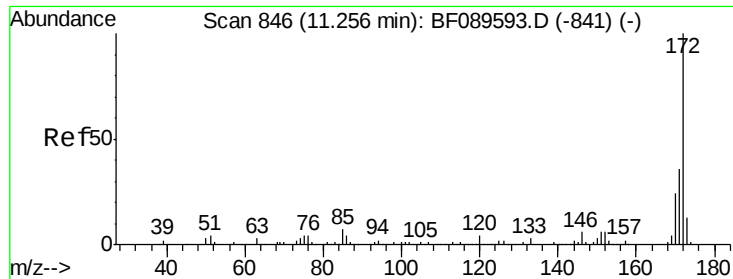
Tgt Ion:164 Resp: 92119
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.7 128.5
 160 47.4 38.2 57.4



#41
 2,4,6-Tribromophenol
 Concen: 78.07 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

Tgt Ion:330 Resp: 59346
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 48.1 38.6 57.8

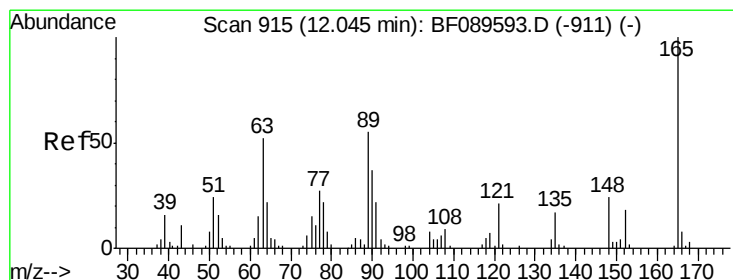
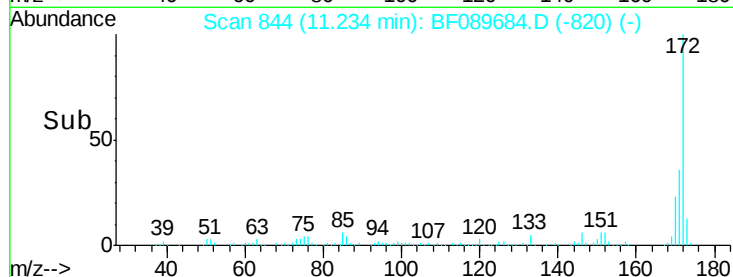
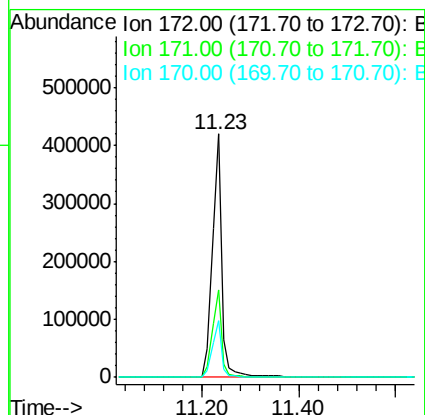
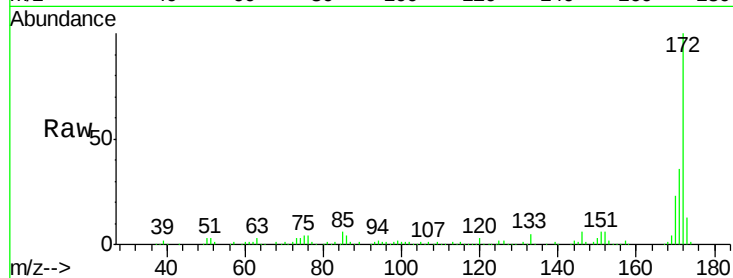




#44
 2-Fluorobiphenyl
 Concen: 83.12 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

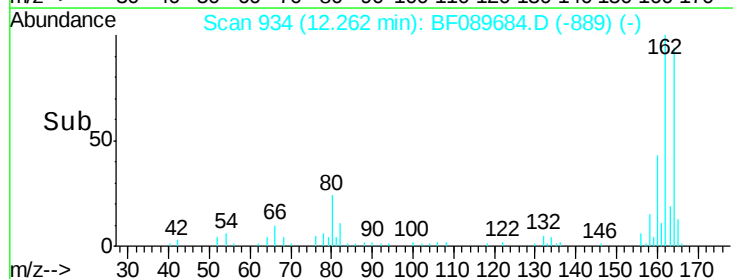
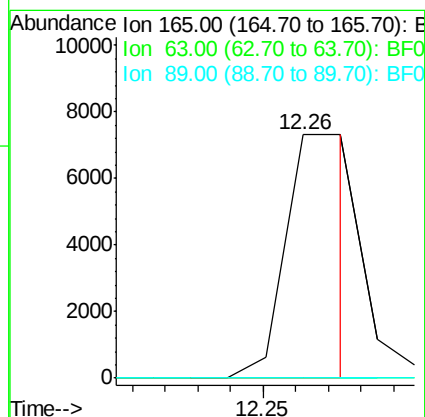
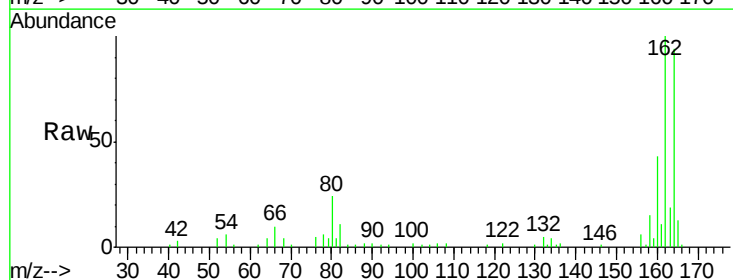
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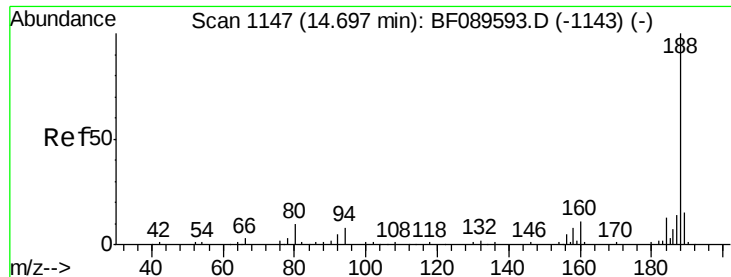
Tgt Ion:172 Resp: 589189
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.4 19.0 28.6



#50
 2,6-Dinitrotoluene
 Concen: 7.28 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.22 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

Tgt Ion:165 Resp: 10458
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.6 67.0#
 89 0.0 44.2 66.2#

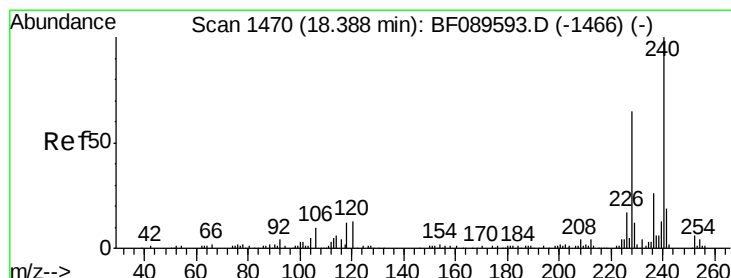
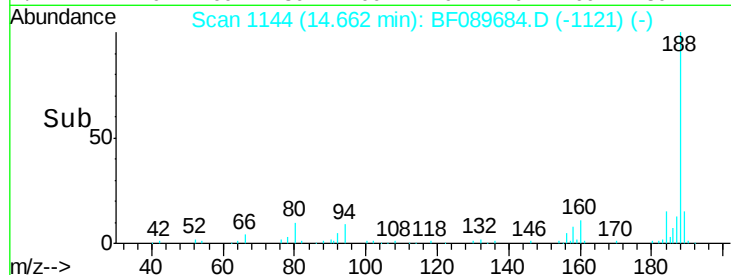
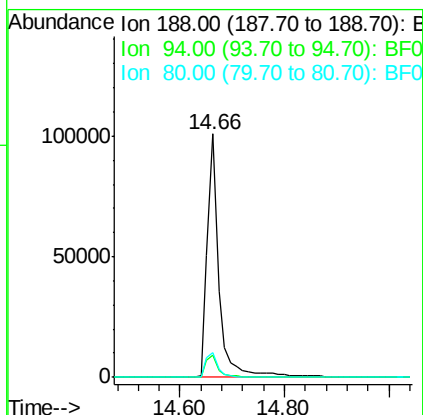
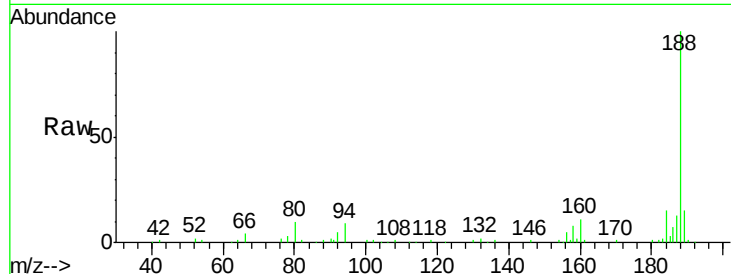




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089684.D
Acq: 9 Aug 2016 5:55

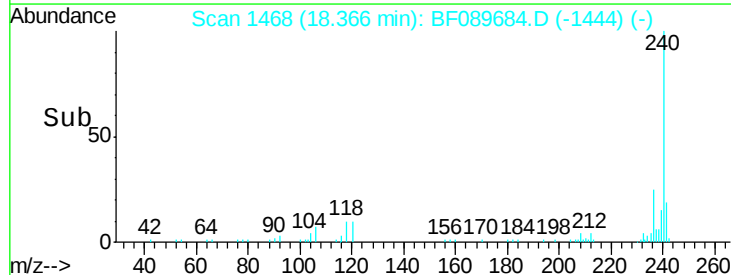
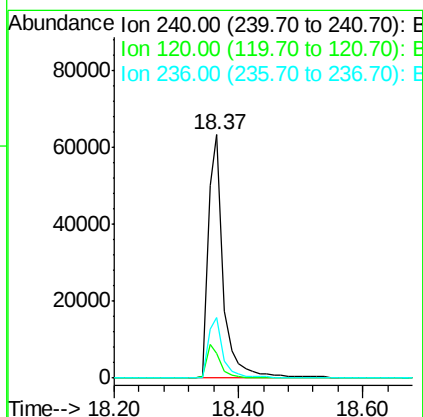
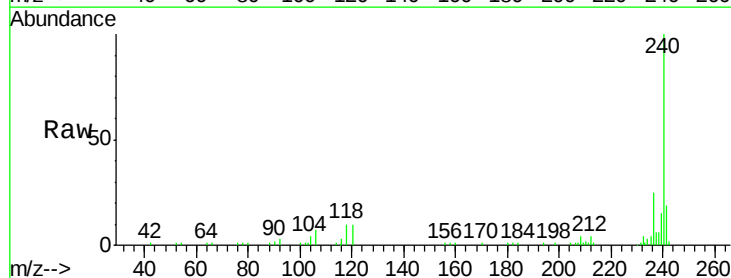
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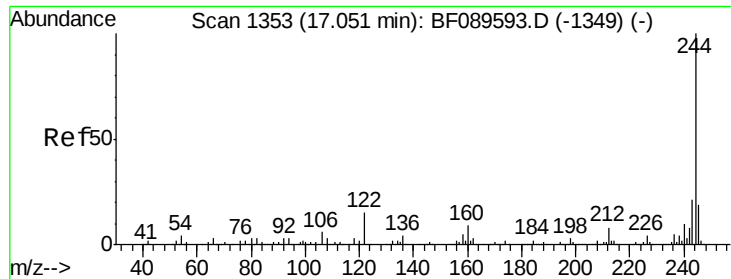
Tgt Ion:188 Resp: 157721
Ion Ratio Lower Upper
188 100
94 9.2 6.5 9.7
80 9.9 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089684.D
Acq: 9 Aug 2016 5:55

Tgt Ion:240 Resp: 104786
Ion Ratio Lower Upper
240 100
120 10.0 10.6 15.8#
236 24.9 20.6 30.8

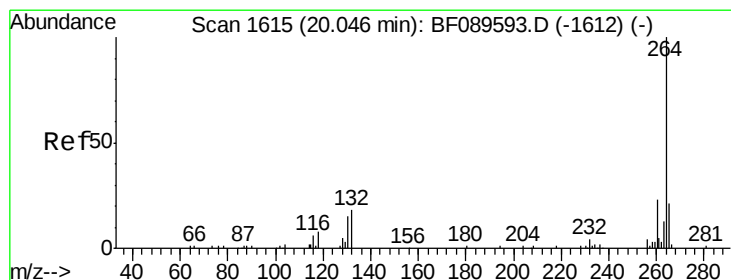
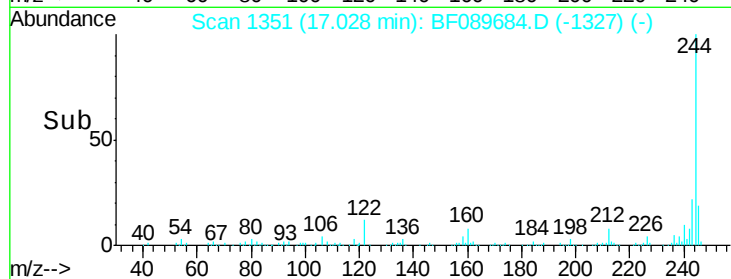
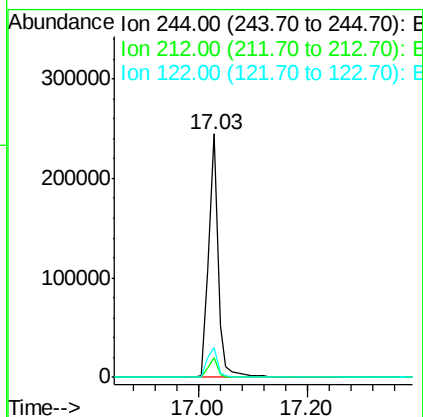
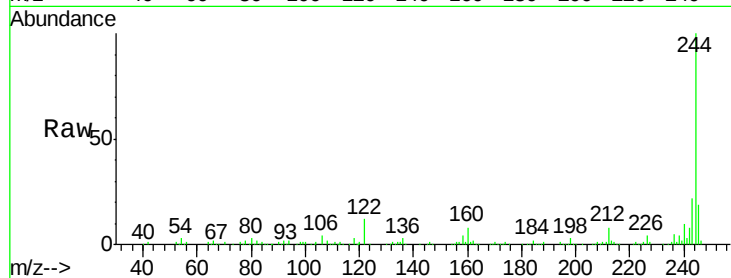




#78
 Terphenyl-d14
 Concen: 56.82 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46A-9-11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	12.1	12.2	18.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF089684.D
 Acq: 9 Aug 2016 5:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.2	16.5	24.7

