

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080816\  
 Data File : BF089682.D  
 Acq On : 9 Aug 2016 4:48  
 Operator : UM/SJ  
 Sample : H4326-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HSR-WC-63-080216

Quant Time: Aug 09 07:01:40 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

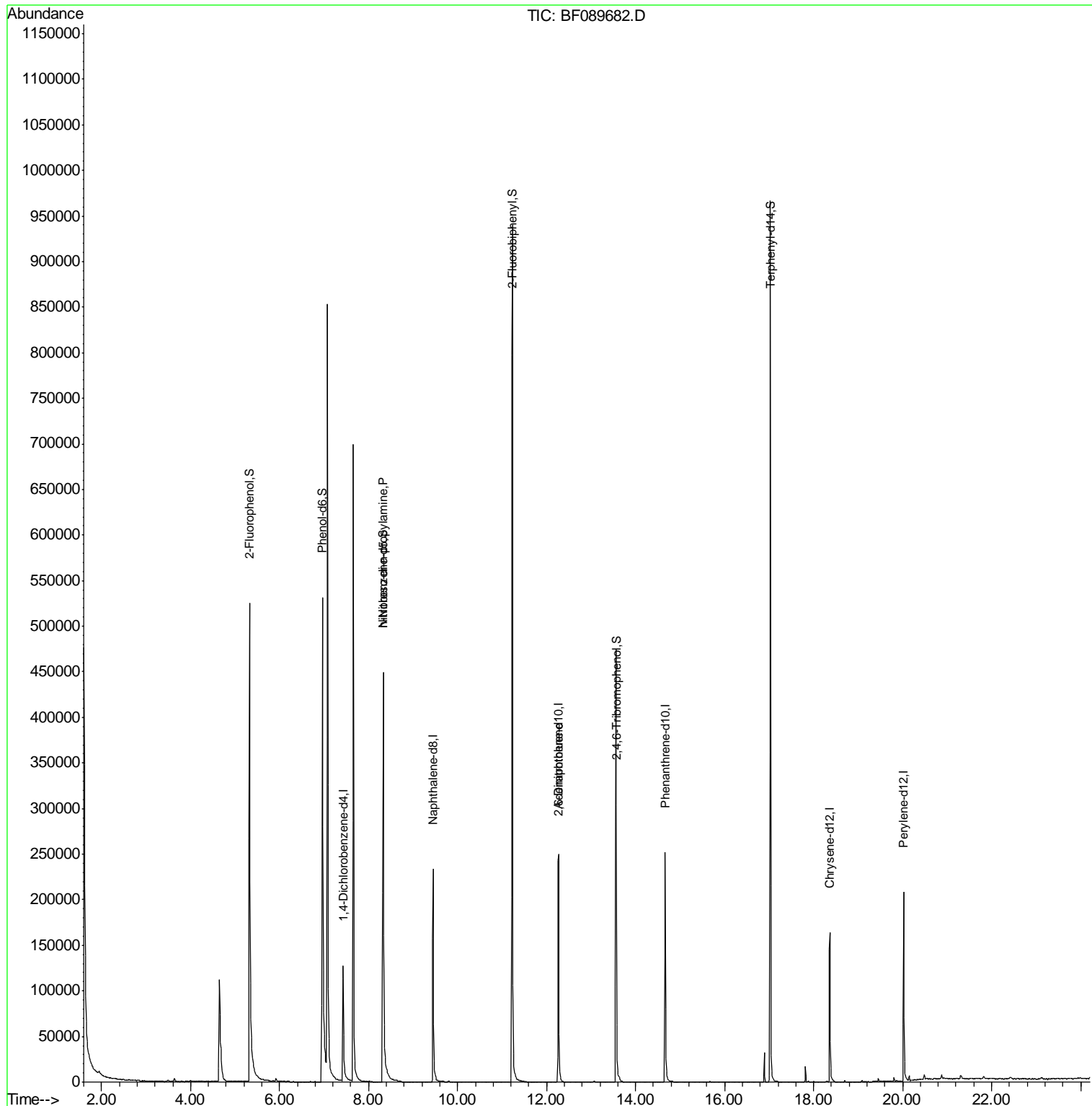
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	44416	20.00	ng	-0.02
21) Naphthalene-d8	9.45	136	189594	20.00	ng	-0.02
38) Acenaphthene-d10	12.27	164	89702	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	158195	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	101932	20.00	ng	-0.02
86) Perylene-d12	20.02	264	100263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	290957	109.79	ng	0.01
7) Phenol-d6	6.96	99	349380	97.19	ng	-0.02
23) Nitrobenzene-d5	8.33	82	269279	78.56	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	78937	106.63	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	517927	75.04	ng	-0.02
78) Terphenyl-d14	17.03	244	367058	71.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.33	70	33145	12.76	ng	# 81
50) 2,6-Dinitrotoluene	12.26	165	10035	7.18	ng	# 24

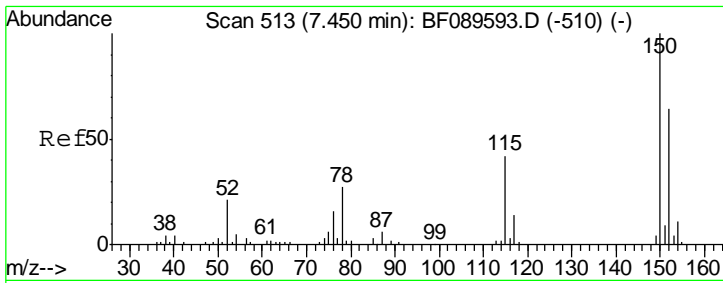
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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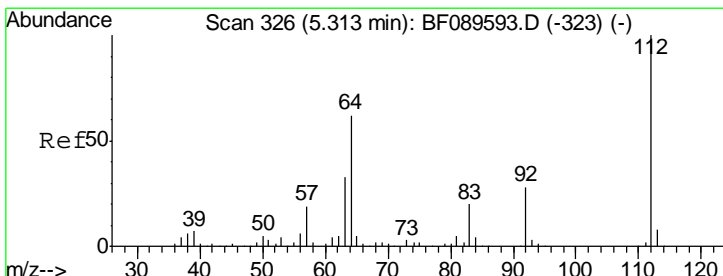
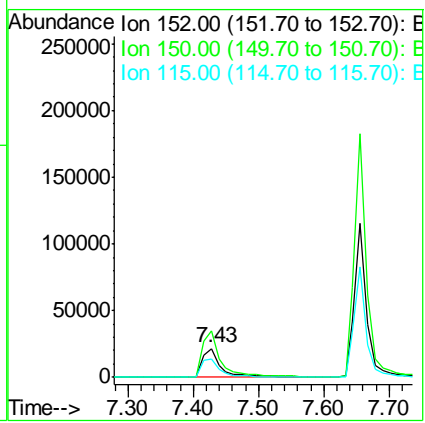
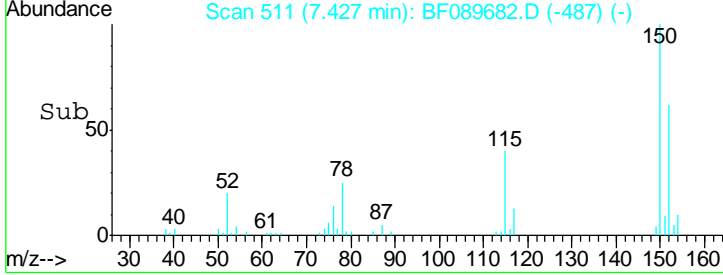
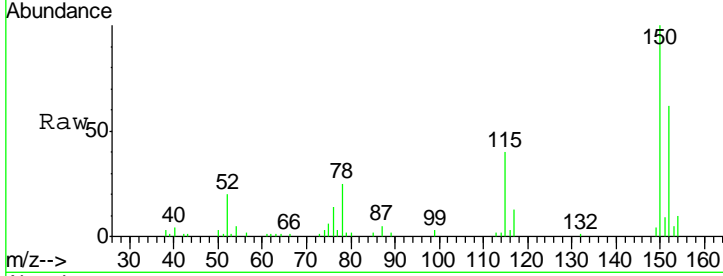




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.43 min Scan# 511  
 Delta R.T. -0.02 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

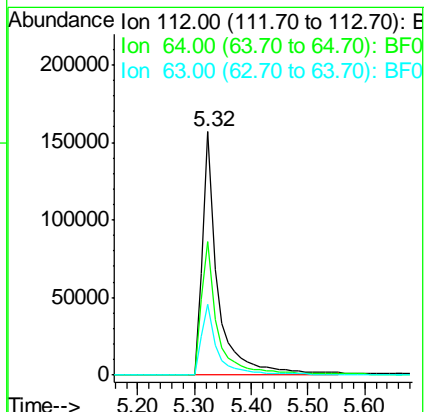
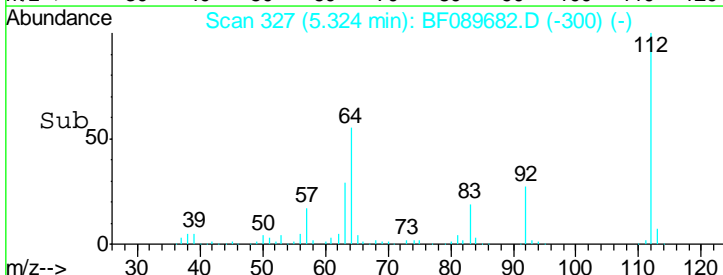
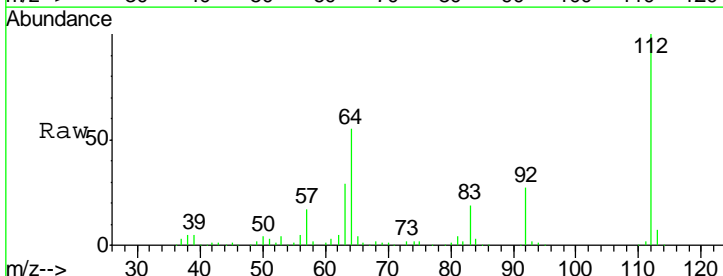
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 BNA\_F  
**ClientSampleId :**  
 HSR-WC-63-080216

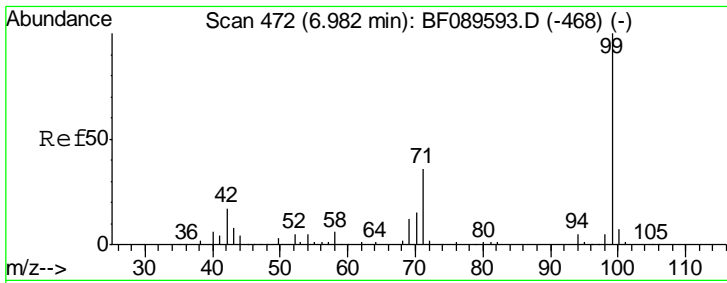
Tgt Ion	Resp	Lower	Upper
152	44416		
150	160.7	125.5	188.3
115	63.6	52.0	78.0



#5  
 2-Fluorophenol  
 Concen: 109.79 ng  
 RT: 5.32 min Scan# 327  
 Delta R.T. 0.01 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

Tgt Ion	Resp	Lower	Upper
112	290957		
64	54.7	49.9	74.9
63	28.8	26.1	39.1

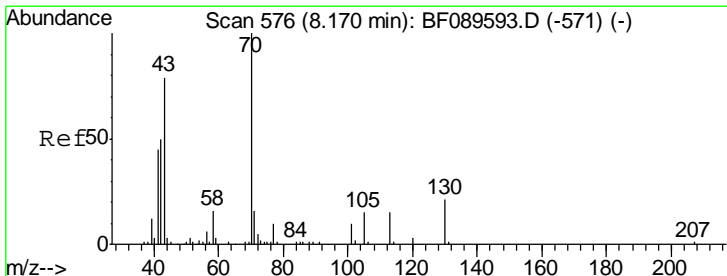
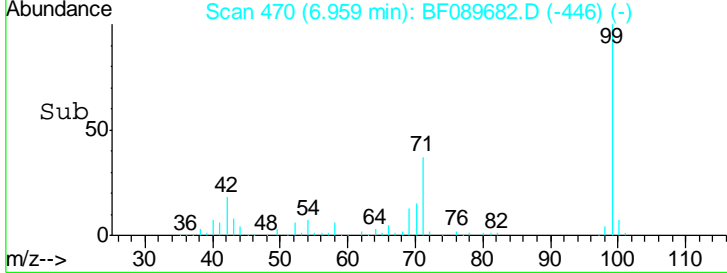
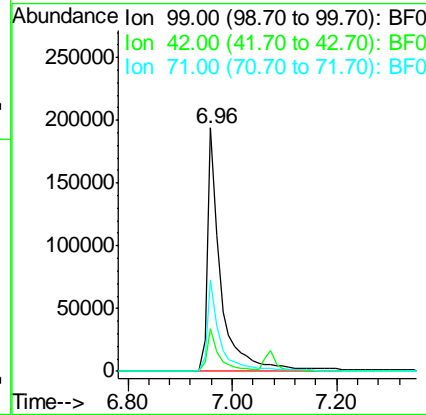
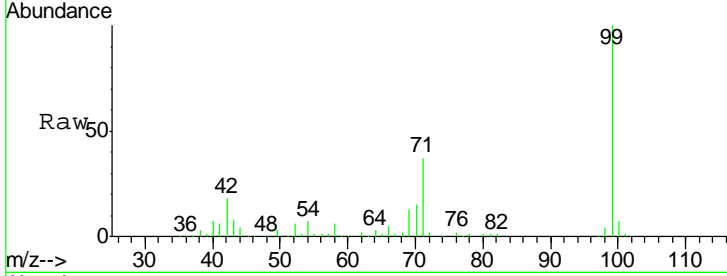




#7  
 Phenol-d6  
 Concen: 97.19 ng  
 RT: 6.96 min Scan# 470  
 Delta R.T. -0.02 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

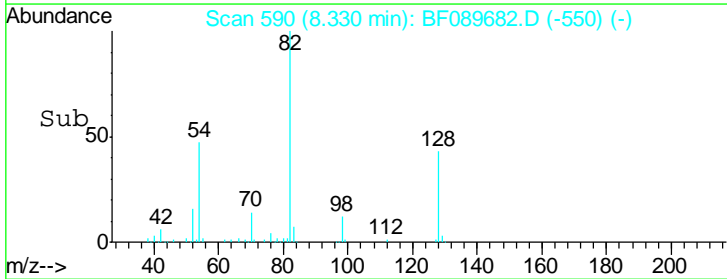
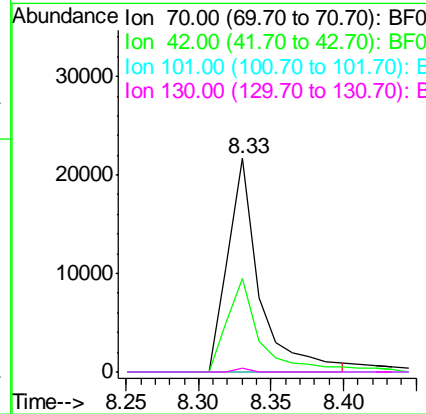
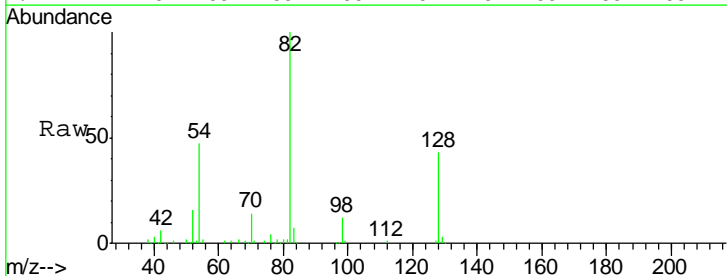
Instrument :  
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 HSR-WC-63-080216

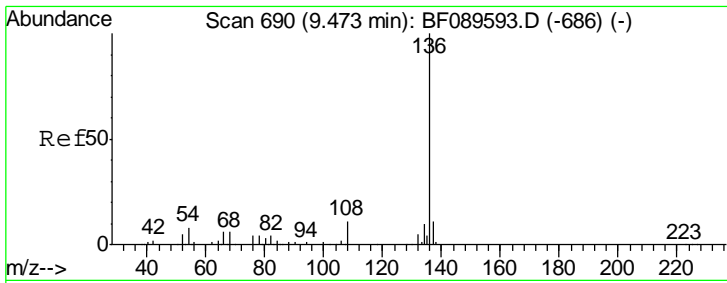
Tgt Ion	Resp	Lower	Upper
99	349380		
42	17.5	13.7	20.5
71	37.4	29.0	43.4



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 12.76 ng  
 RT: 8.33 min Scan# 590  
 Delta R.T. 0.16 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

Tgt Ion	Resp	Lower	Upper
70	33145		
42	43.6	40.2	60.2
101	0.0	7.8	11.6#
130	2.0	16.4	24.6#

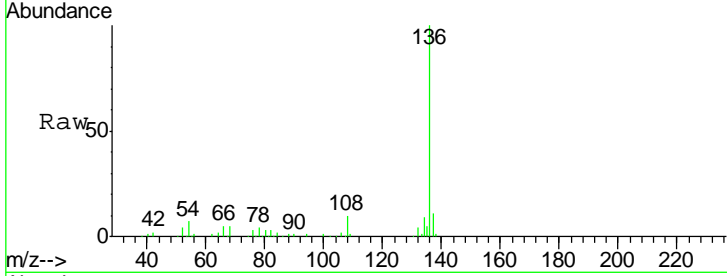




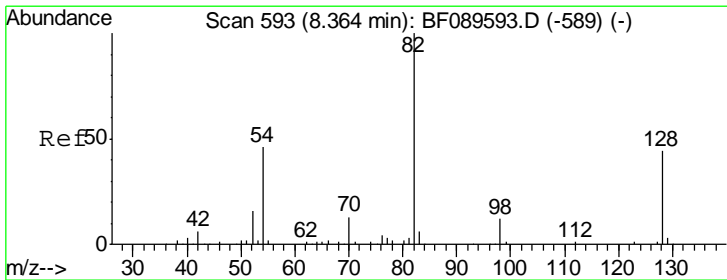
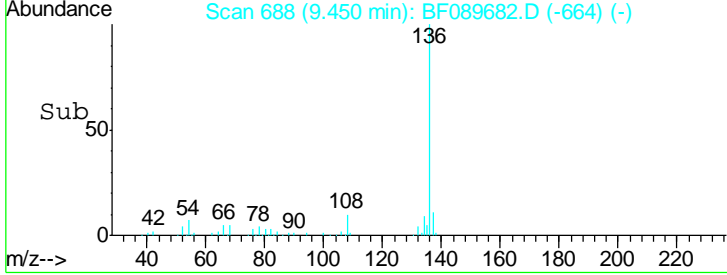
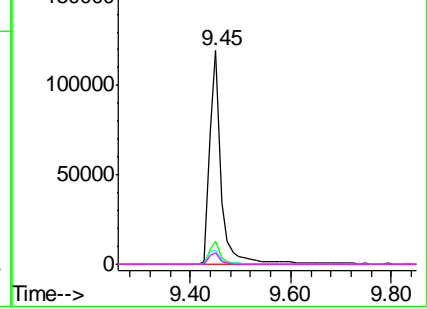
#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 9.45 min Scan# 688  
 Delta R.T. -0.02 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

Instrument :  
 BNA\_F  
 ClientSampled :  
 HSR-WC-63-080216

Tgt Ion	Resp	Lower	Upper
136	189594		
137	10.9	8.6	12.8
54	6.5	6.0	9.0
68	5.2	4.6	6.8

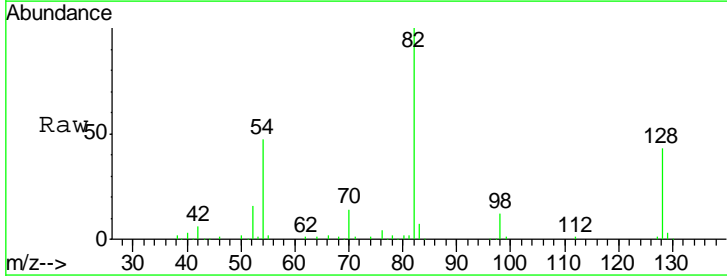


Abundance Ion 136.00 (135.70 to 136.70): E  
 Ion 137.00 (136.70 to 137.70): E  
 Ion 54.00 (53.70 to 54.70): BF0  
 Ion 68.00 (67.70 to 68.70): BF0

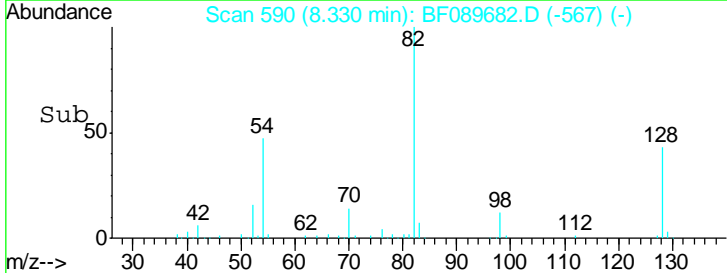
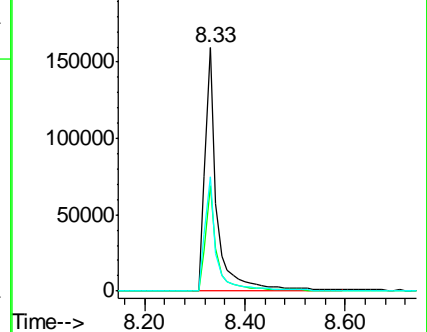


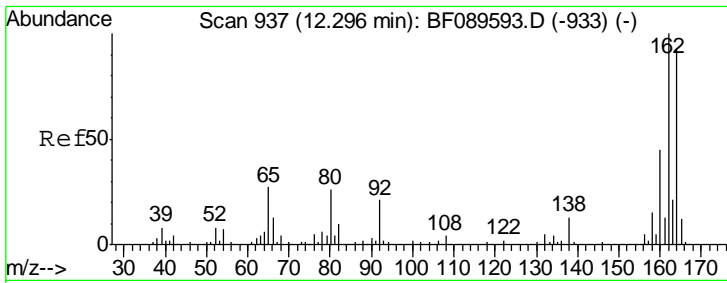
#23  
 Nitrobenzene-d5  
 Concen: 78.56 ng  
 RT: 8.33 min Scan# 590  
 Delta R.T. -0.03 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

Tgt Ion	Resp	Lower	Upper
82	269279		
128	43.1	35.4	53.0
54	46.7	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



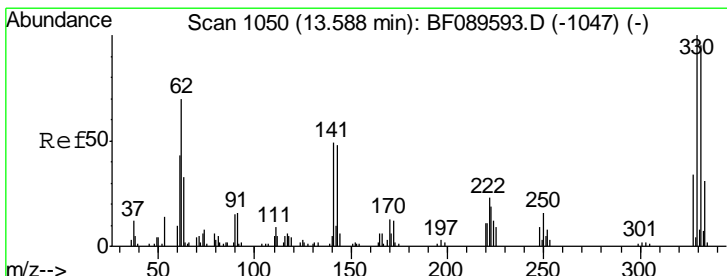
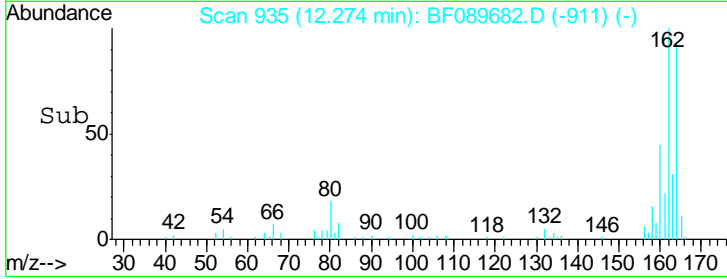
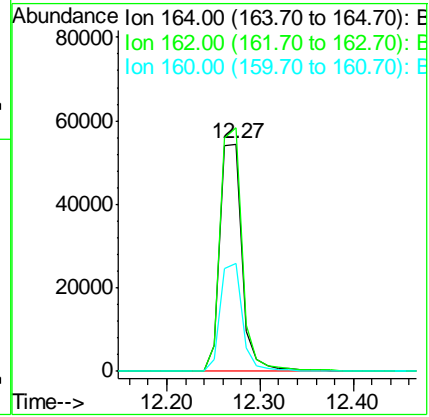
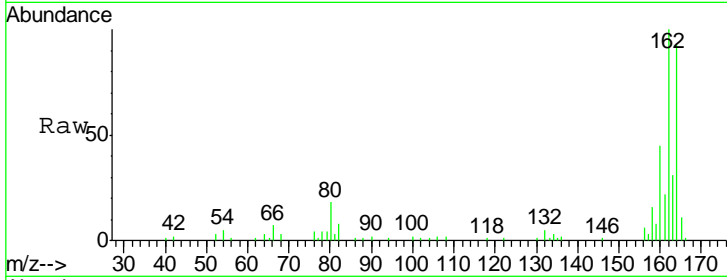


#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.27 min Scan# 935  
 Delta R.T. -0.02 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

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Tgt Ion:164 Resp: 89702

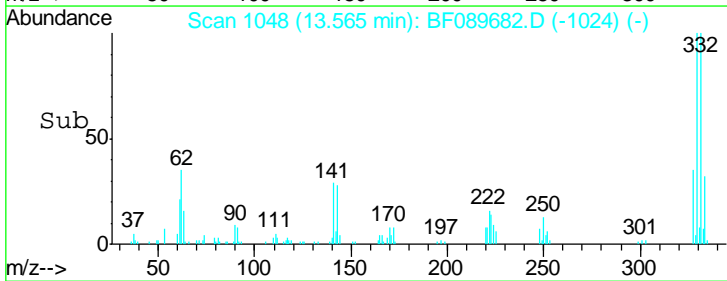
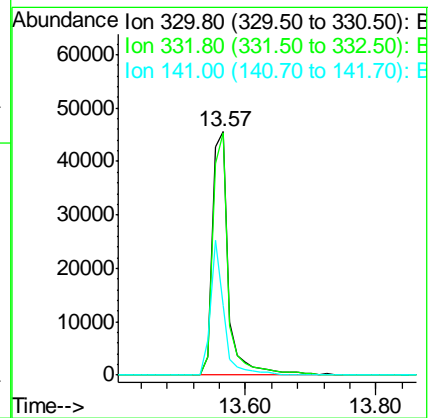
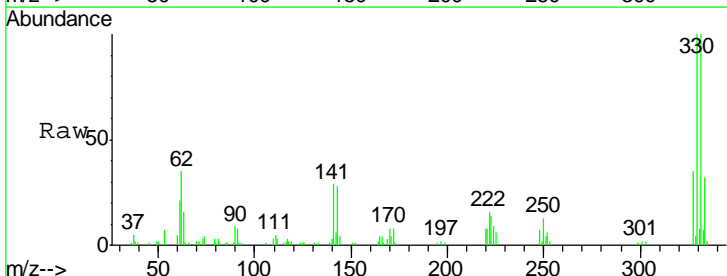
Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.7	128.5
160	47.7	38.2	57.4

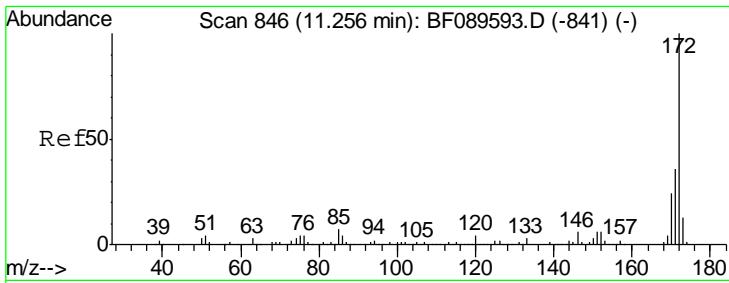


#41  
 2,4,6-Tribromophenol  
 Concen: 106.63 ng  
 RT: 13.57 min Scan# 1048  
 Delta R.T. -0.02 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

Tgt Ion:330 Resp: 78937

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	45.7	38.6	57.8

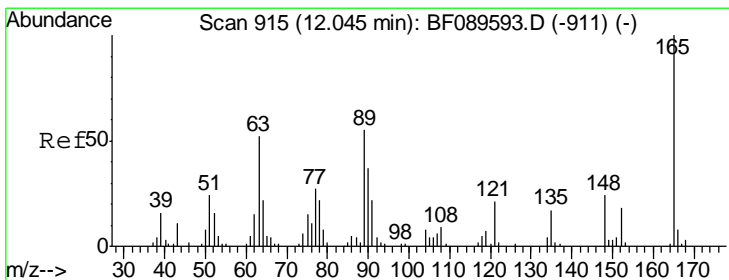
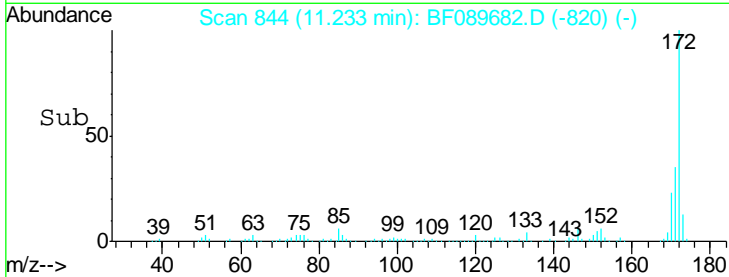
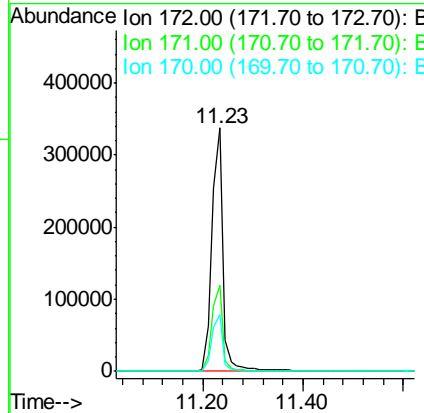
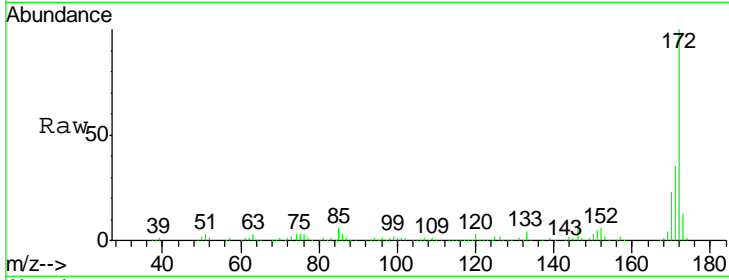




#44  
 2-Fluorobiphenyl  
 Concen: 75.04 ng  
 RT: 11.23 min Scan# 844  
 Delta R.T. -0.02 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

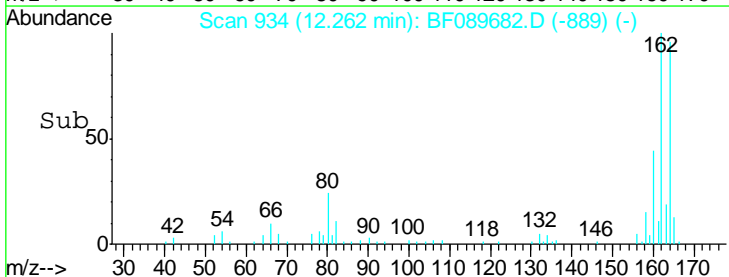
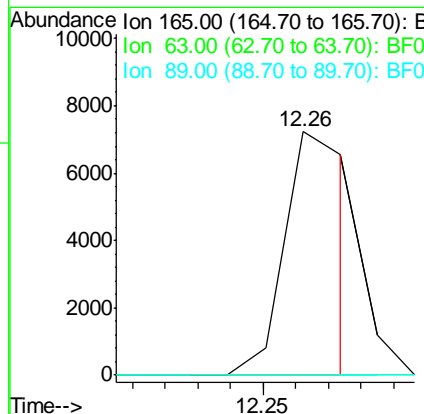
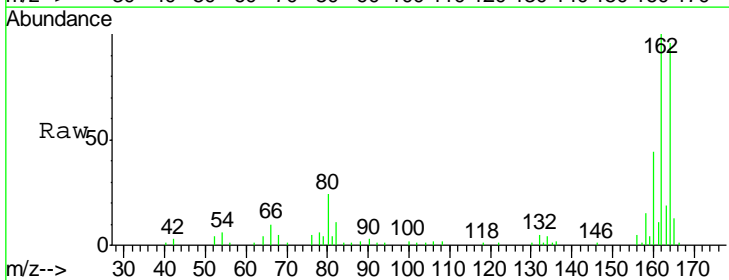
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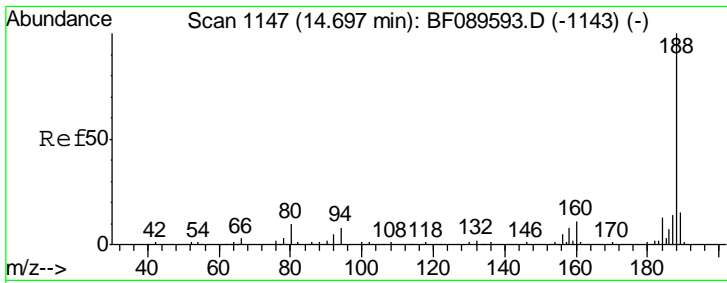
Tgt Ion	Resp	Lower	Upper
172	517927		
171	100	28.9	43.3
170	23.4	19.0	28.6



#50  
 2,6-Dinitrotoluene  
 Concen: 7.18 ng  
 RT: 12.26 min Scan# 934  
 Delta R.T. 0.22 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

Tgt Ion	Resp	Lower	Upper
165	10035		
63	100	44.6	67.0#
89	100	44.2	66.2#

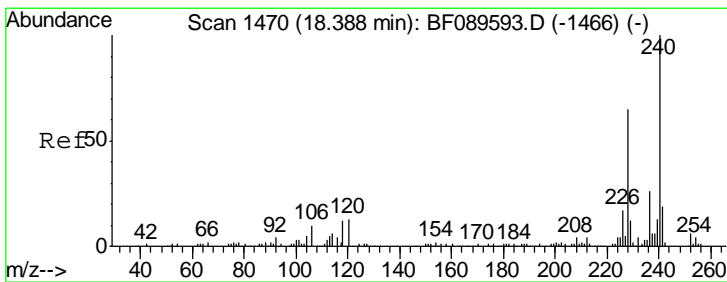
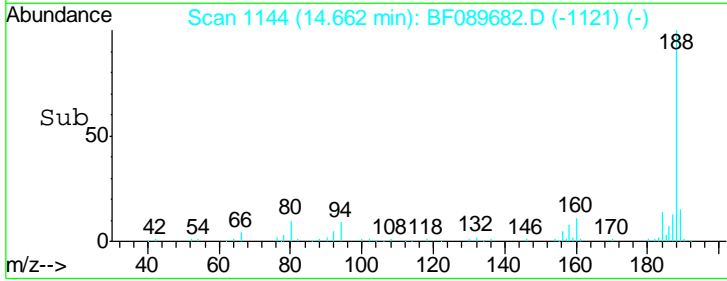
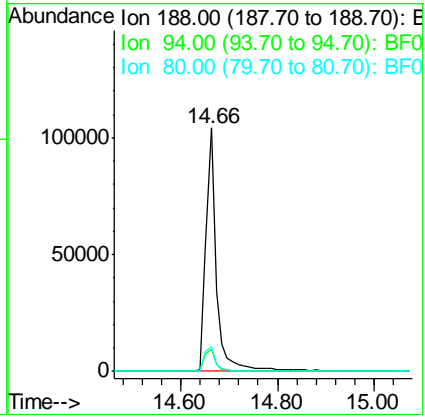
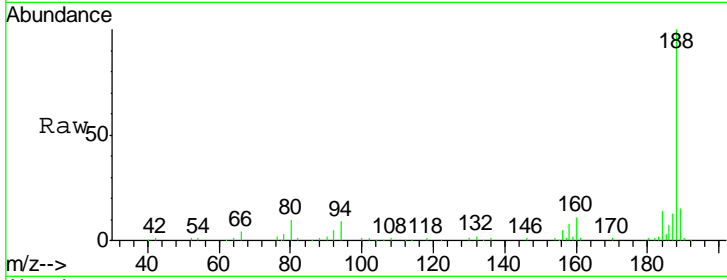




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 14.66 min Scan# 1144  
 Delta R.T. -0.03 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

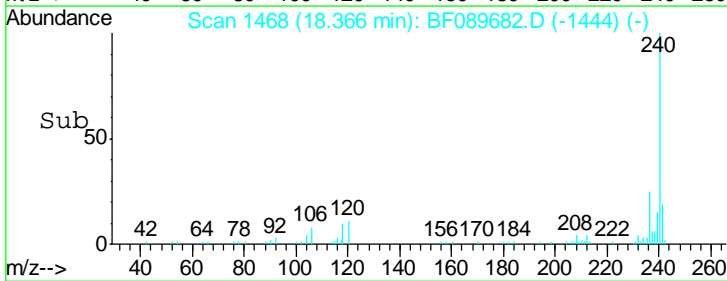
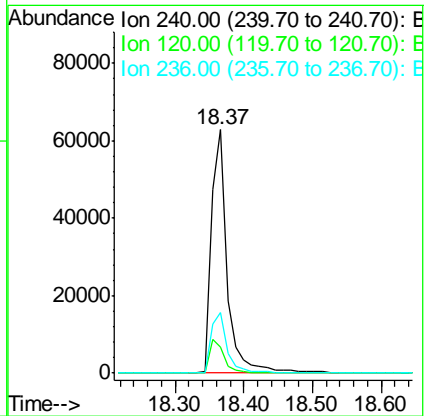
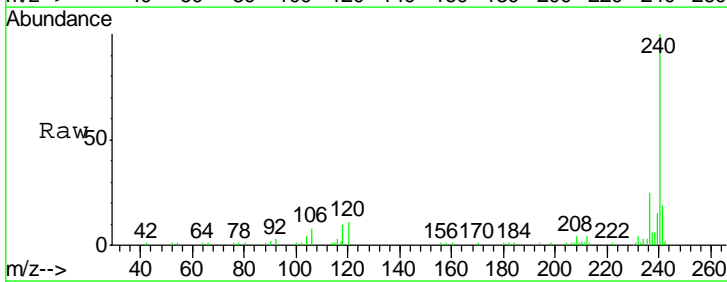
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Tgt Ion	Resp	Lower	Upper
188	158195		
94	100	6.5	9.7
80	100	8.0	12.0

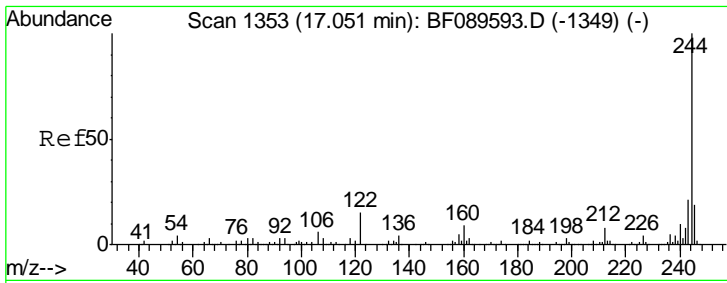


#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.37 min Scan# 1468  
 Delta R.T. -0.02 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

Tgt Ion	Resp	Lower	Upper
240	101932		
120	100	10.6	15.8
236	100	20.6	30.8



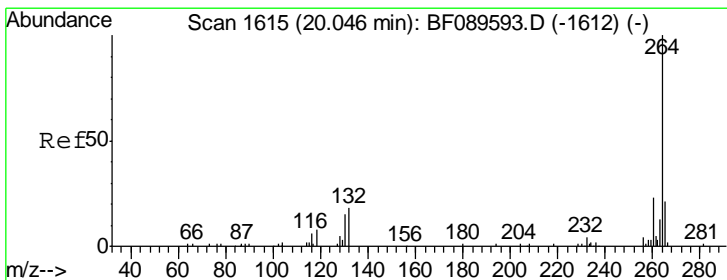
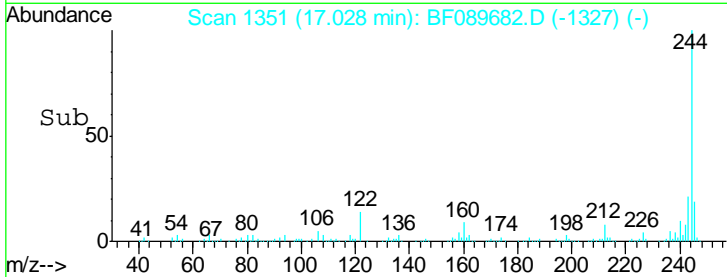
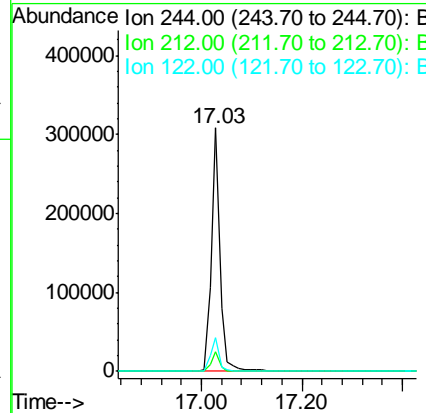
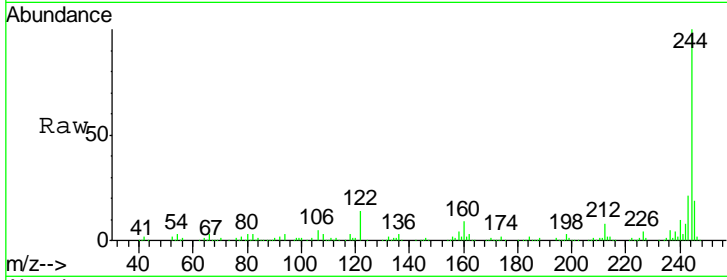




#78  
 Terphenyl-d14  
 Concen: 71.09 ng  
 RT: 17.03 min Scan# 1351  
 Delta R.T. -0.02 min  
 Lab File: BF089682.D  
 Acq: 9 Aug 2016 4:48

Instrument :  
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 HSR-WC-63-080216

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	13.7	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: BF089682.D  
 Acq: 9 Aug 2016 4:48

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.4	16.5	24.7

