

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090617\  
 Data File : BM011452.D  
 Acq On : 06 Sep 2017 10:24  
 Operator : SJ/JU  
 Sample : I5066-05  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TW-1

Quant Time: Sep 06 17:56:39 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 18:39:59 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	445910	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1955435	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1081129	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	2410835	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	2746431	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2584615	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	2495290	94.20	ng	0.00
7) Phenol-d6	7.13	99	2198796	59.86	ng	-0.01
23) Nitrobenzene-d5	9.15	82	2973360	100.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1791166	143.20	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	7344927	97.93	ng	-0.02
78) Terphenyl-d14	19.96	244	9729790	87.90	ng	-0.02

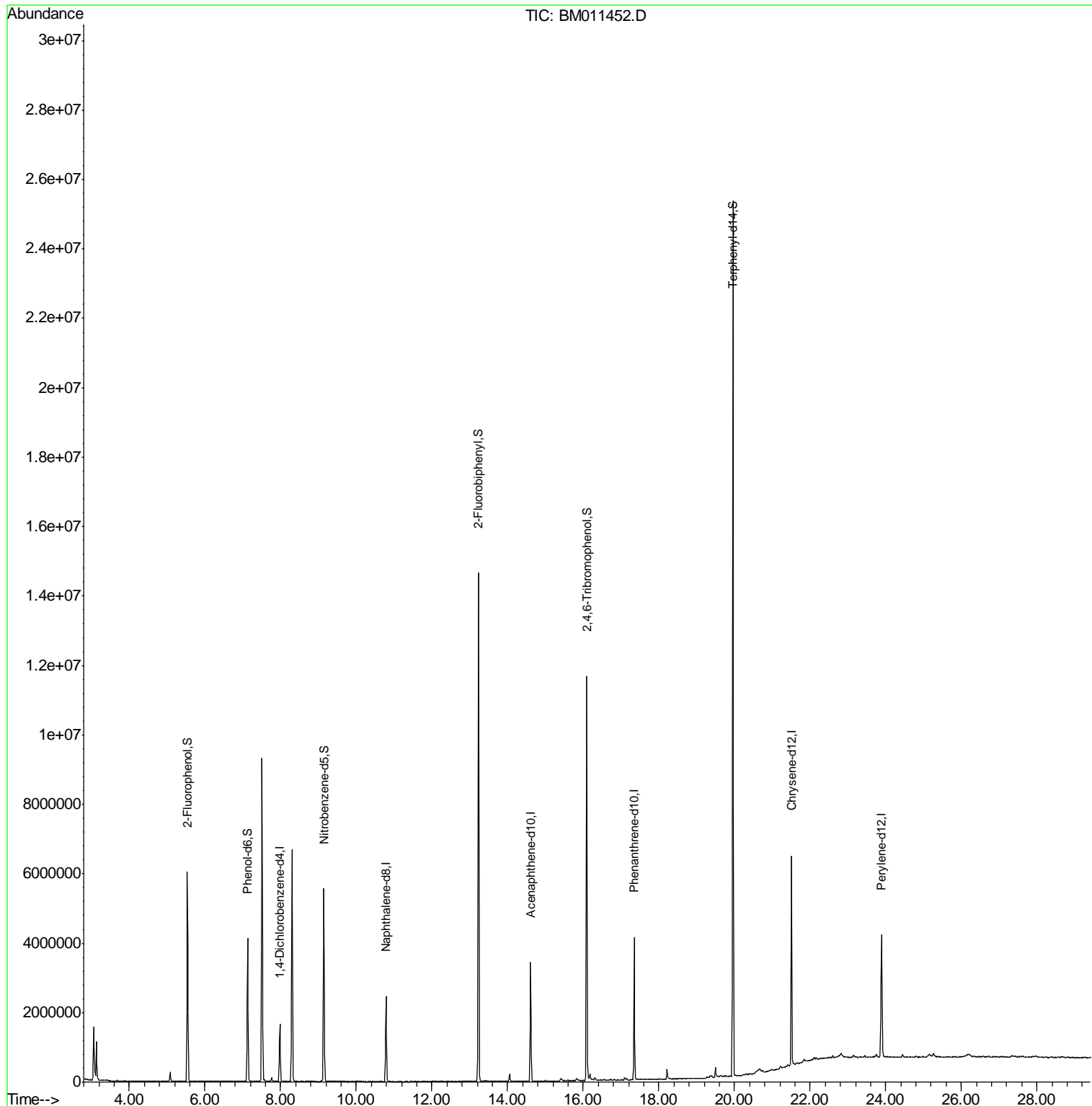
Target Compounds Qvalue

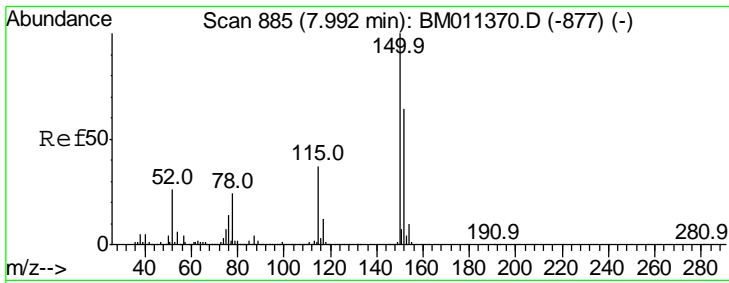
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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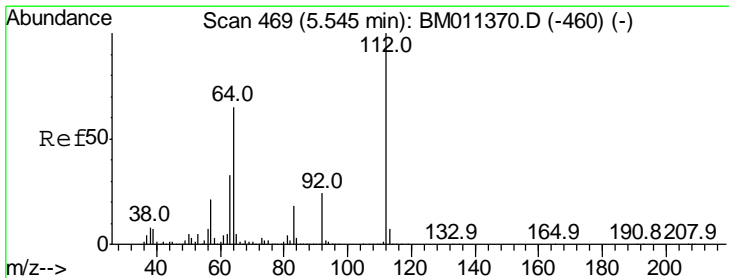
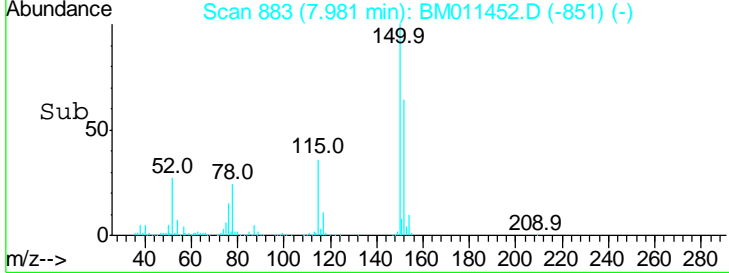
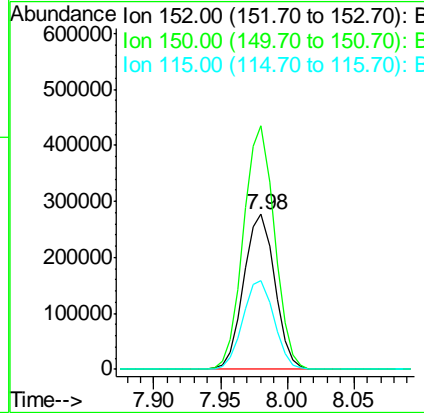
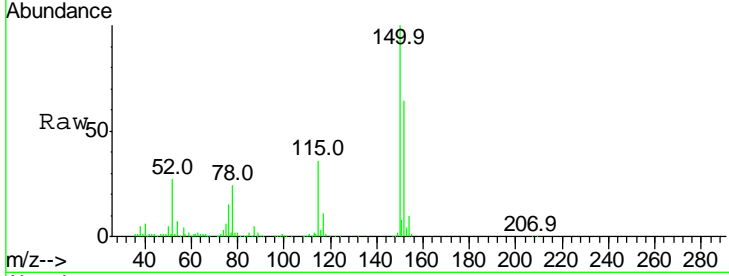




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.98 min Scan# 883  
 Delta R.T. -0.01 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

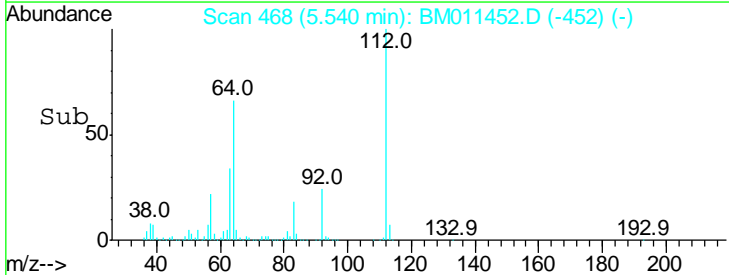
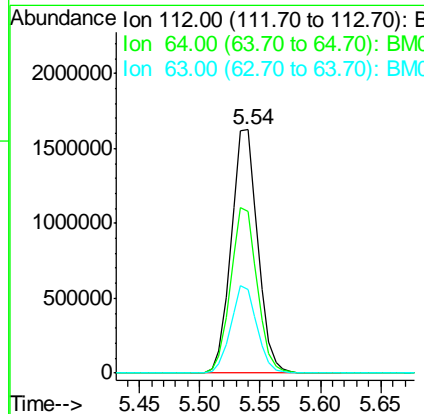
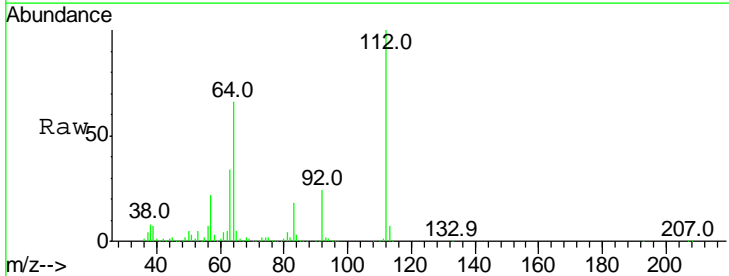
Instrument :  
 BNA\_M  
 ClientSampled :  
 TW-1

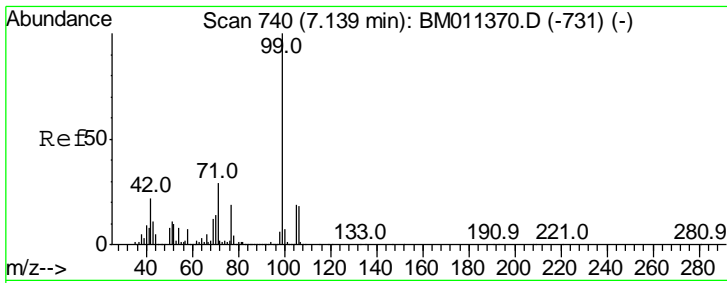
Tgt Ion	Resp	Lower	Upper
152	100		
150	157.2	119.5	179.3
115	57.0	43.0	64.4



#5  
 2-Fluorophenol  
 Concen: 94.195 ng  
 RT: 5.54 min Scan# 468  
 Delta R.T. -0.01 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Tgt Ion	Resp	Lower	Upper
112	100		
64	66.5	38.6	57.8#
63	34.2	19.3	28.9#

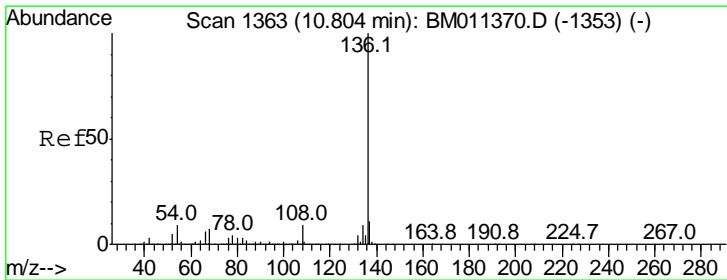
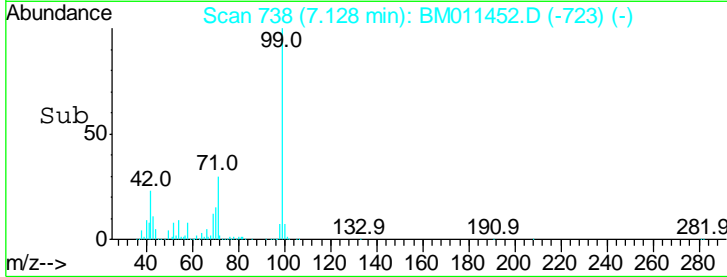
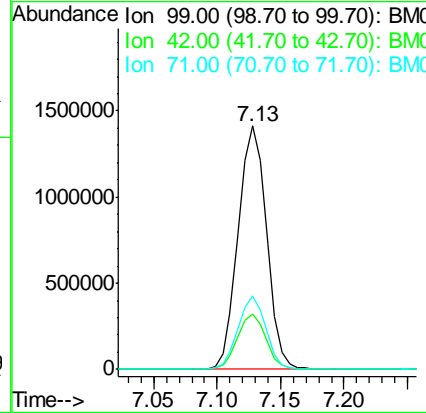
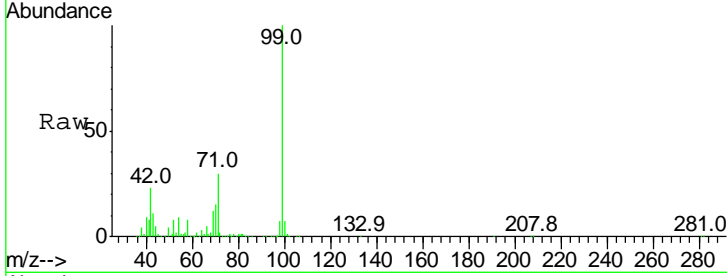




#7  
 Phenol-d6  
 Concen: 59.860 ng  
 RT: 7.13 min Scan# 738  
 Delta R.T. -0.01 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

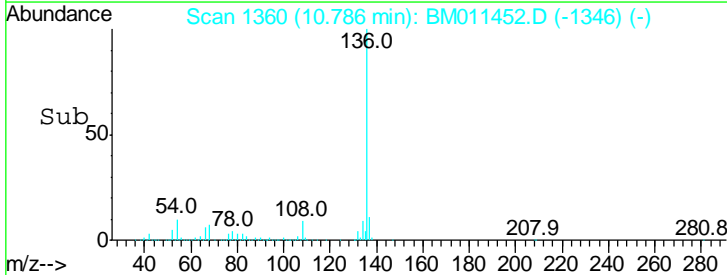
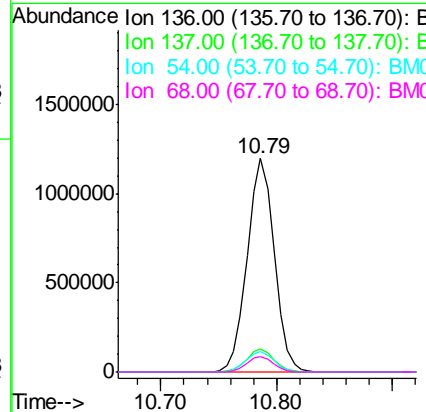
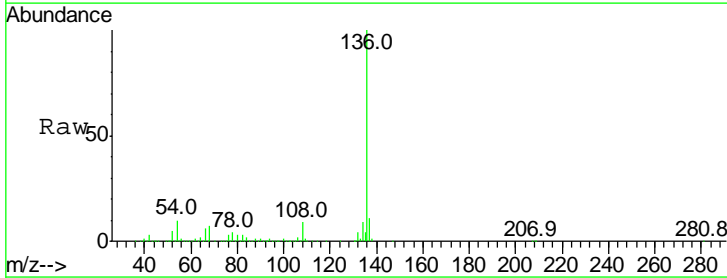
Instrument :  
 BNA\_M  
 ClientSampled :  
 TW-1

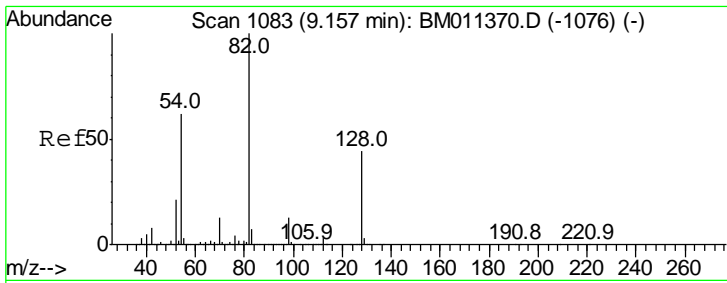
Tgt Ion	Resp	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	30.2	23.4	35.2



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.79 min Scan# 1360  
 Delta R.T. -0.02 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.6	4.6	6.8#
68	7.0	3.7	5.5#

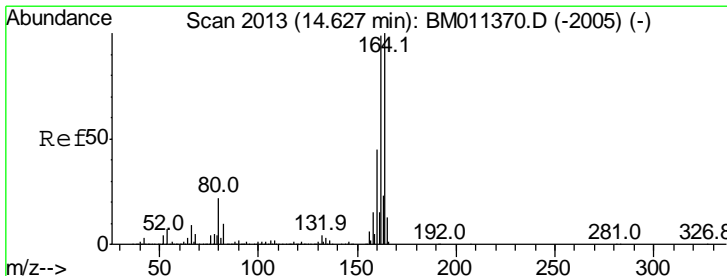
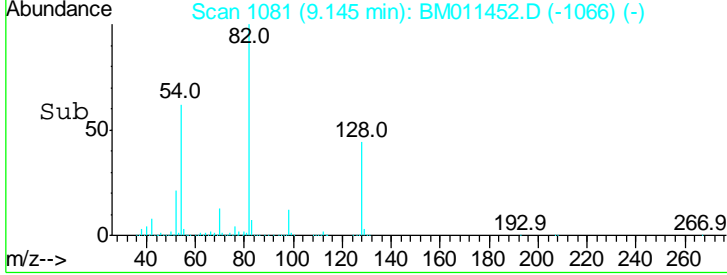
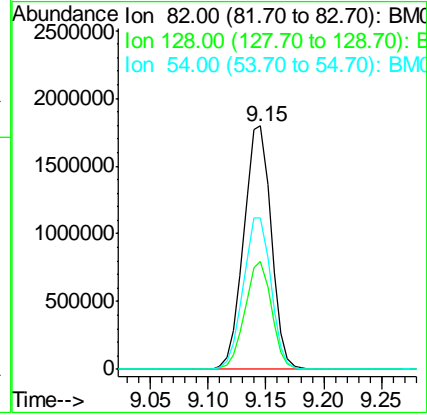
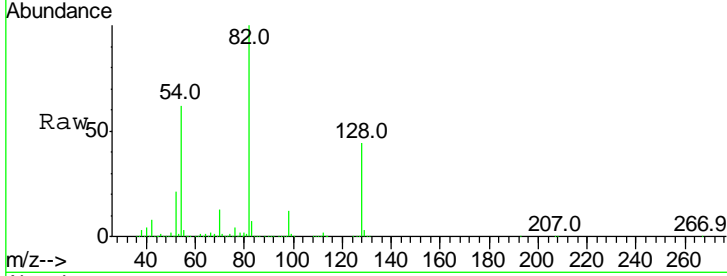




#23  
 Nitrobenzene-d5  
 Concen: 100.202 ng  
 RT: 9.15 min Scan# 1081  
 Delta R.T. -0.01 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

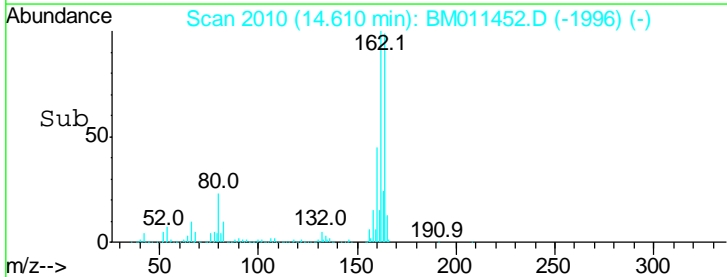
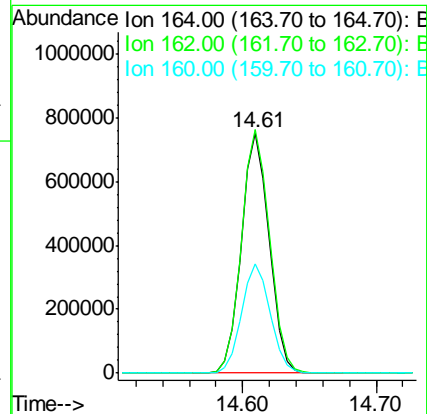
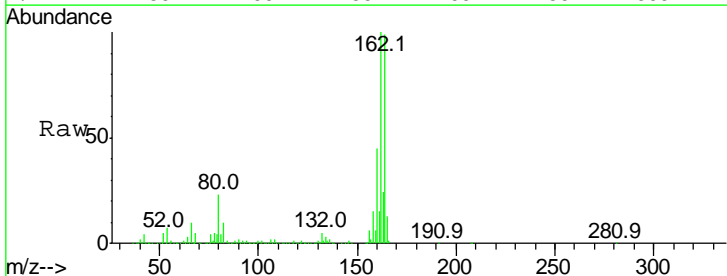
**Instrument :**  
 BNA\_M  
**ClientSampled :**  
 TW-1

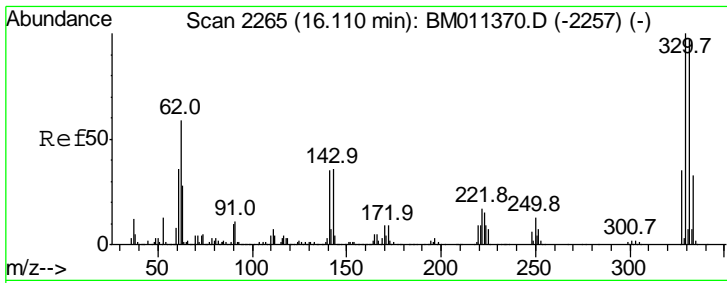
Tgt Ion	Resp	Lower	Upper
82	2973360		
128	44.1	32.8	49.2
54	62.0	40.6	60.8



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.61 min Scan# 2010  
 Delta R.T. -0.02 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Tgt Ion	Resp	Lower	Upper
164	1081129		
162	101.3	82.4	123.6
160	45.4	35.8	53.6



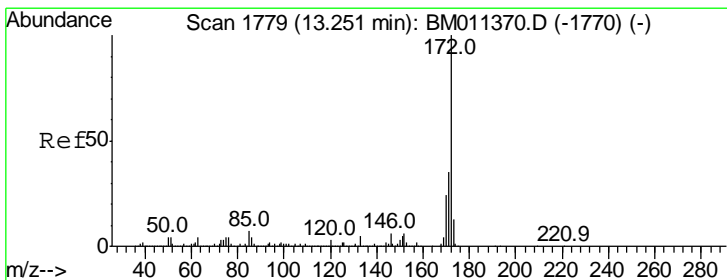
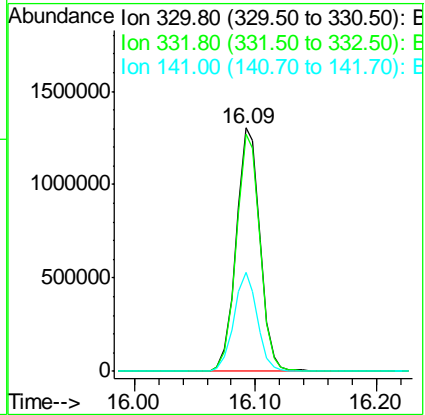
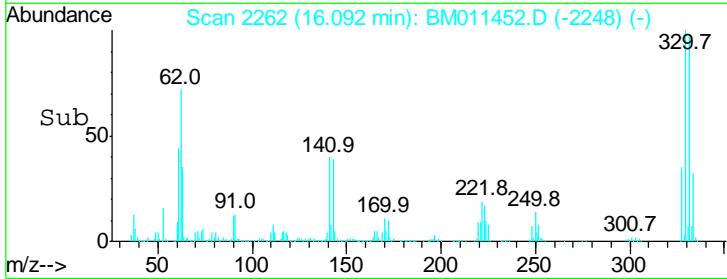
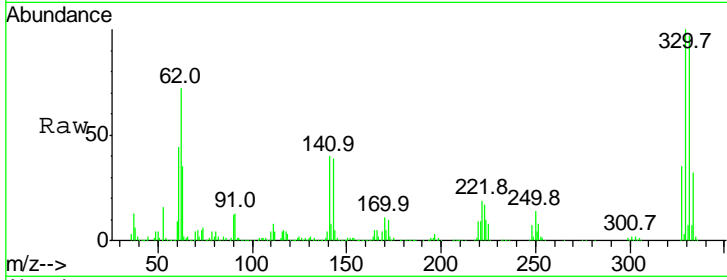


#41  
 2,4,6-Tribromophenol  
 Concen: 143.199 ng  
 RT: 16.09 min Scan# 2262  
 Delta R.T. -0.02 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Instrument :  
 BNA\_M  
 ClientSampled :  
 TW-1

Tgt Ion: 330 Resp: 1791166

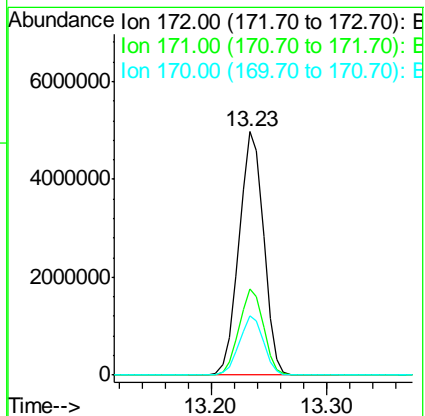
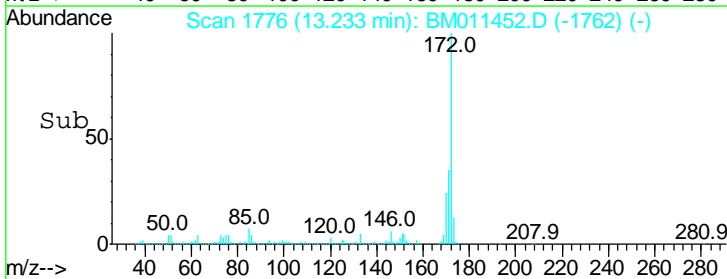
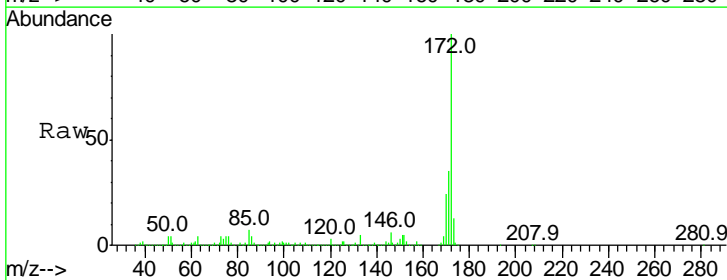
Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	39.9	0.0	0.0#

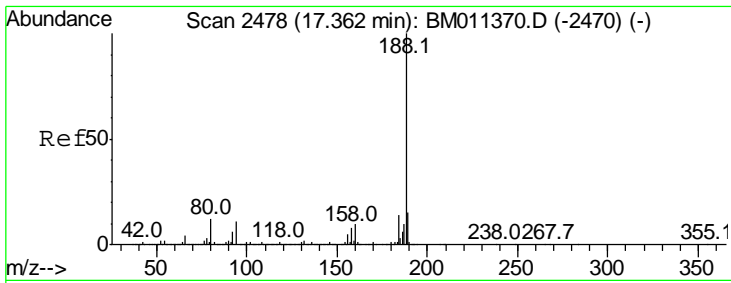


#44  
 2-Fluorobiphenyl  
 Concen: 97.931 ng  
 RT: 13.23 min Scan# 1776  
 Delta R.T. -0.02 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Tgt Ion: 172 Resp: 7344927

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.2	18.8	28.2



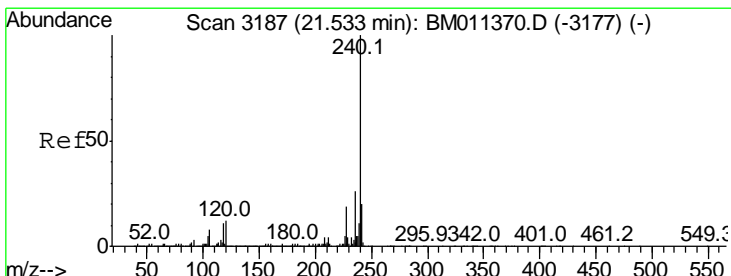
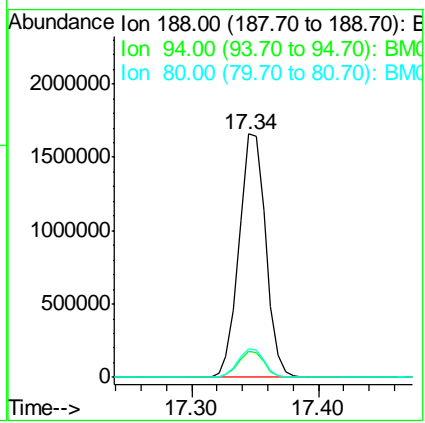
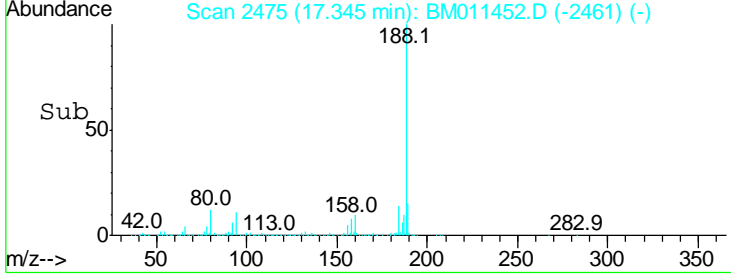
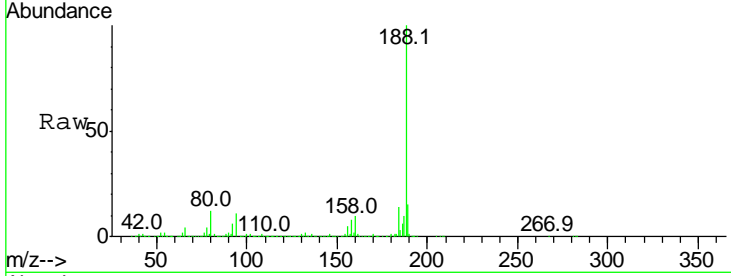


#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.34 min Scan# 2475  
 Delta R.T. -0.02 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Instrument :  
 BNA\_M  
 ClientSampled :  
 TW-1

Tgt Ion:188 Resp: 2410835

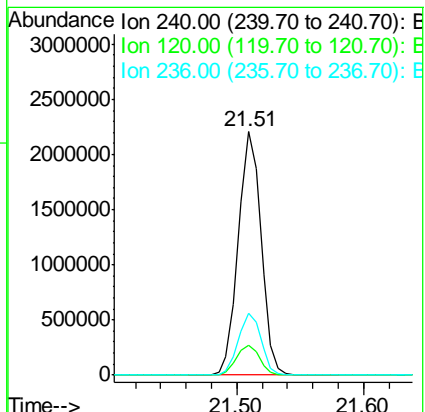
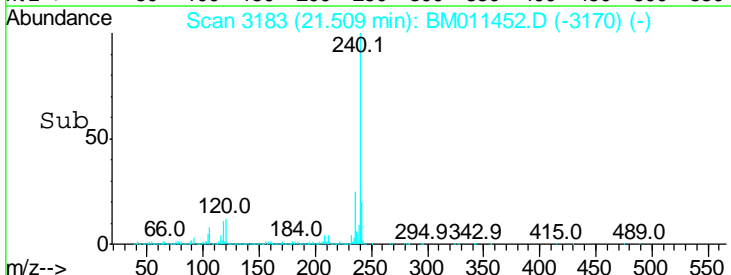
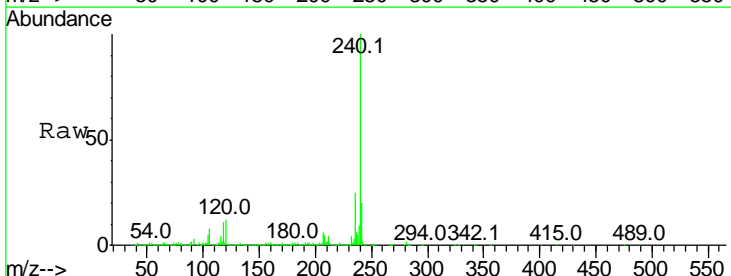
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	11.8	9.3	13.9

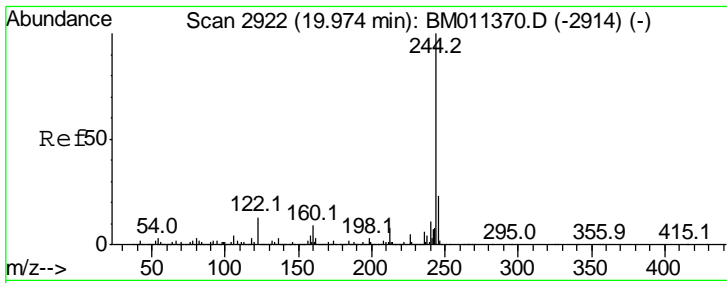


#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.51 min Scan# 3183  
 Delta R.T. -0.02 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Tgt Ion:240 Resp: 2746431

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.2	12.2#
236	25.4	20.0	30.0

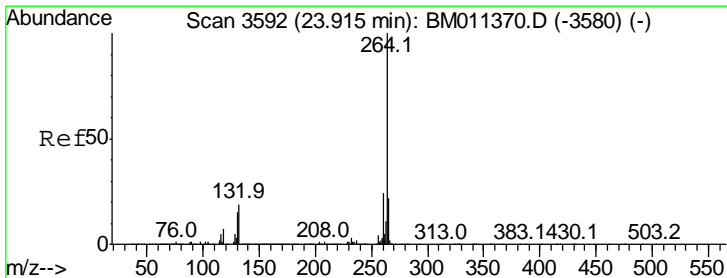
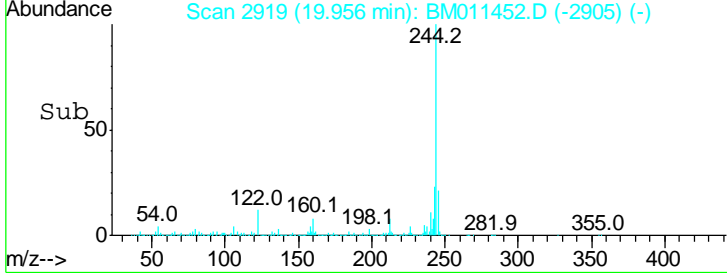
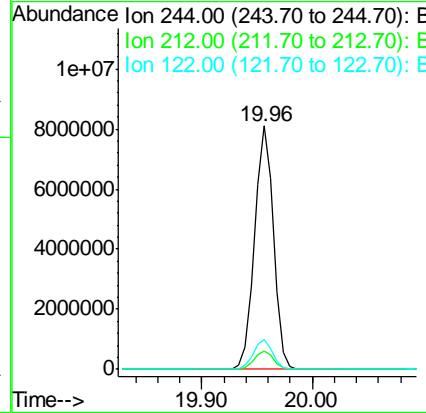
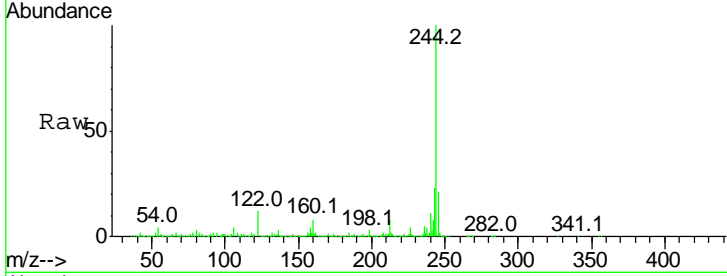




#78  
 Terphenyl-d14  
 Concen: 87.902 ng  
 RT: 19.96 min Scan# 2919  
 Delta R.T. -0.02 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Instrument :  
 BNA\_M  
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	12.0	6.2	9.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.89 min Scan# 3587  
 Delta R.T. -0.03 min  
 Lab File: BM011452.D  
 Acq: 06 Sep 2017 10:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.3	25.9

