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 Data File : BM011445.D
 Acq On : 05 Sep 2017 23:03
 Operator : SJ/JU
 Sample : I5092-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-02-090117

Quant Time: Sep 06 07:51:37 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

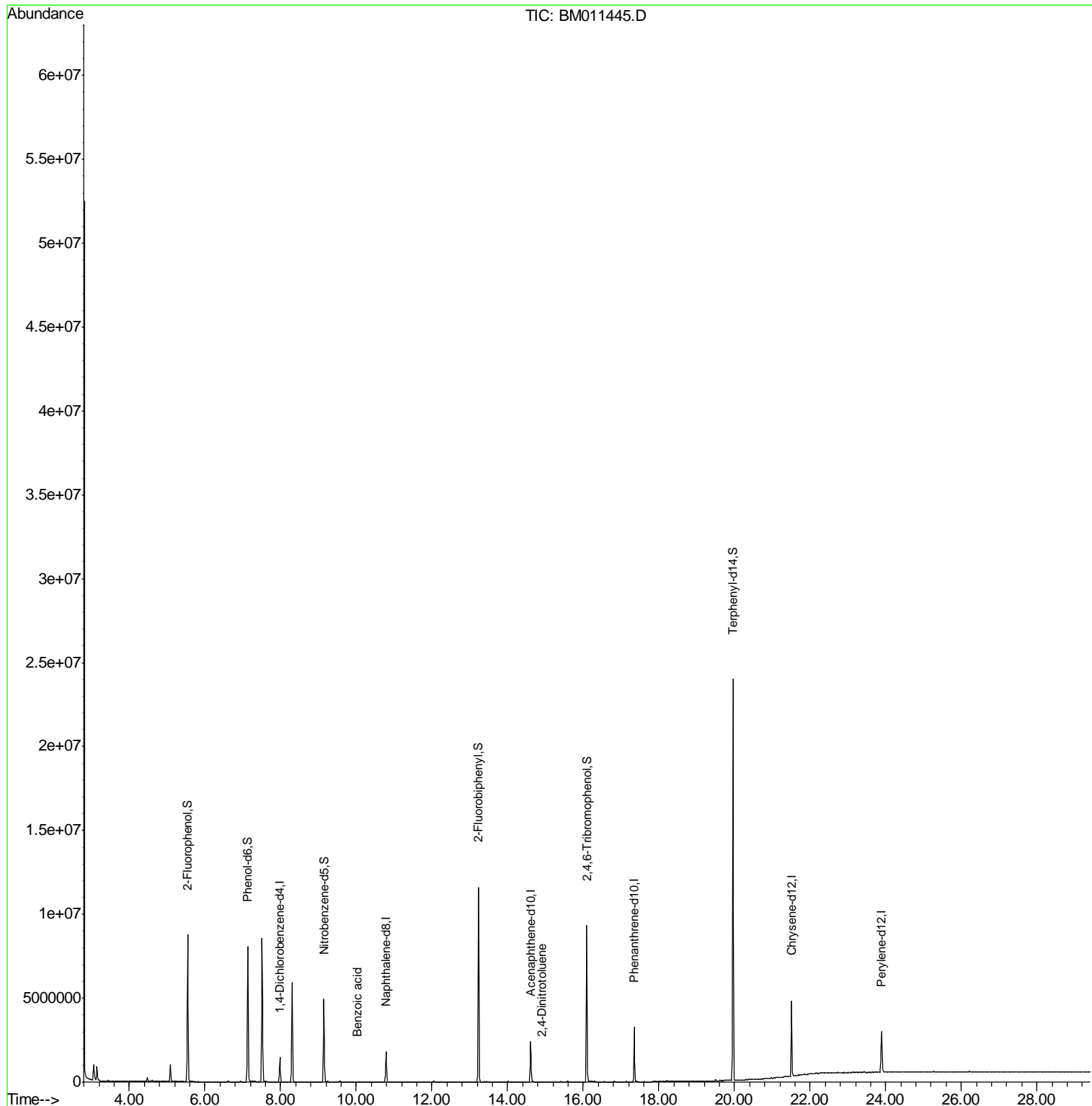
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	370808	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1485426	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	782009	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1818809	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2093238	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1774867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3327591	151.06	ng	0.00
7) Phenol-d6	7.13	99	4111950	134.62	ng	0.00
23) Nitrobenzene-d5	9.15	82	2475100	109.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1421076	157.07	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5915912	109.05	ng	-0.01
78) Terphenyl-d14	19.96	244	9062572	107.42	ng	-0.02
Target Compounds						
32) Benzoic acid	10.02	122	484	6.566	ng	# 1
56) 2,4-Dinitrotoluene	14.90	165	109	5.145	ng	# 11

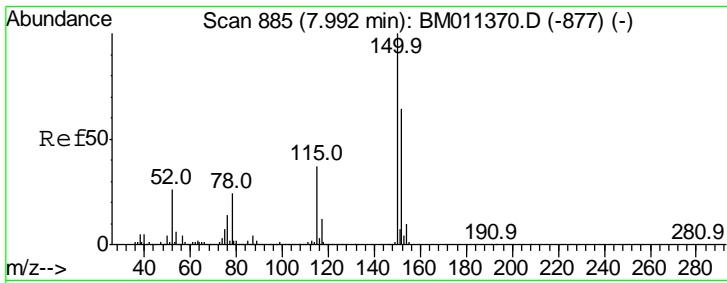
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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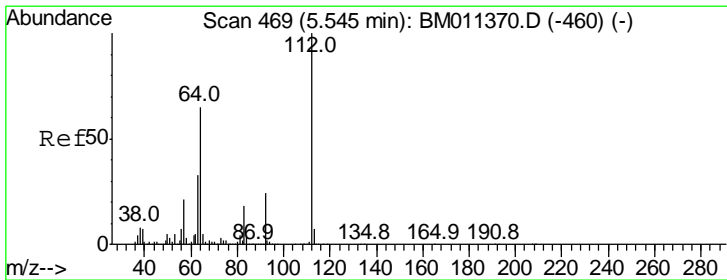
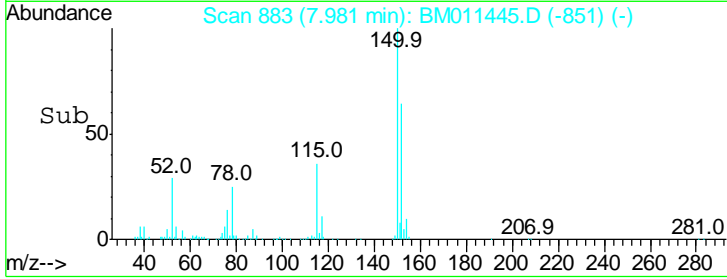
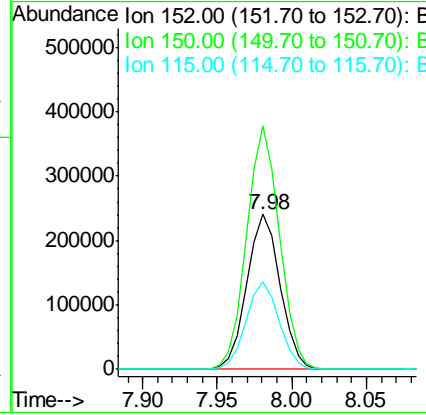
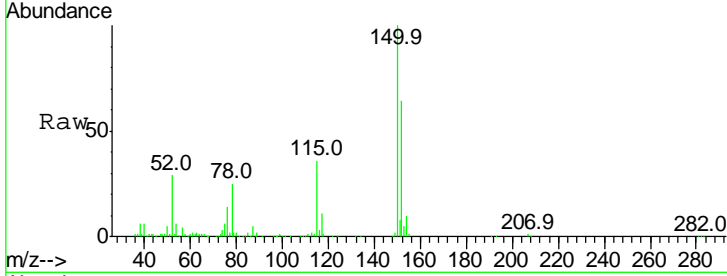




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

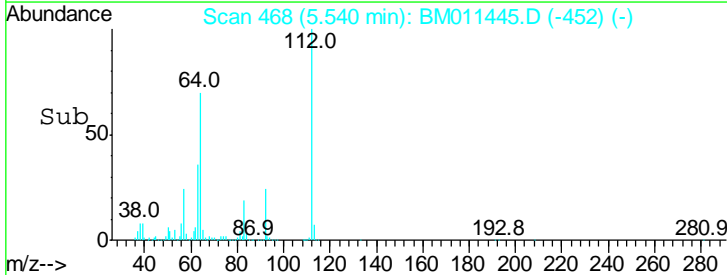
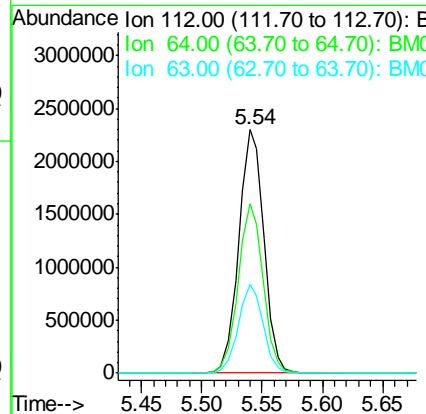
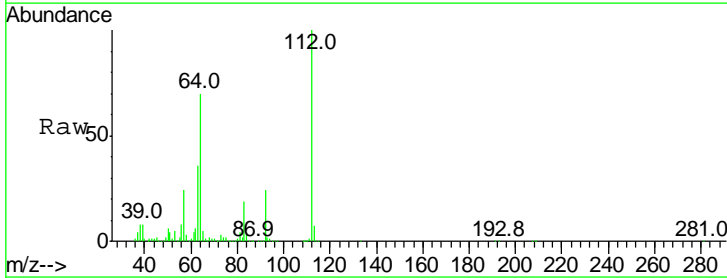
Instrument :
 BNA_M
ClientSampled :
 BU-02-090117

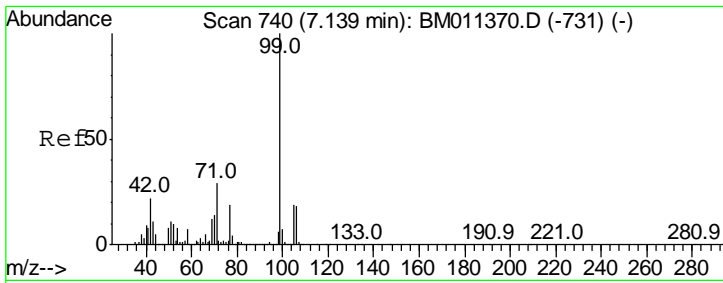
Tgt Ion	Resp	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	56.6	43.0	64.4



#5
 2-Fluorophenol
 Concen: 151.055 ng
 RT: 5.54 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Tgt Ion	Resp	Lower	Upper
112	100		
64	69.8	38.6	57.8#
63	36.2	19.3	28.9#

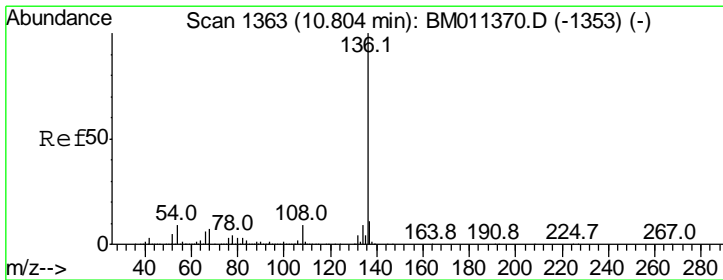
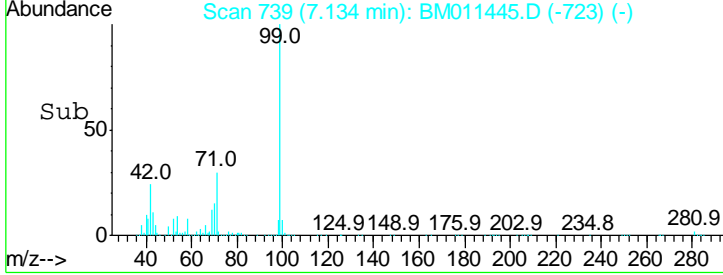
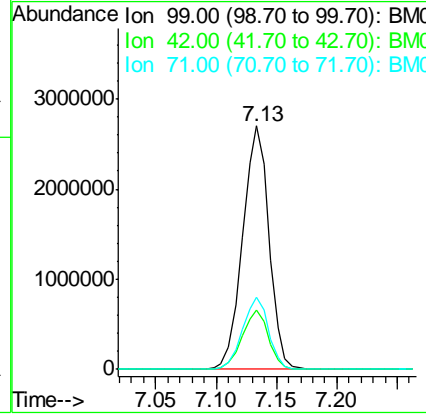
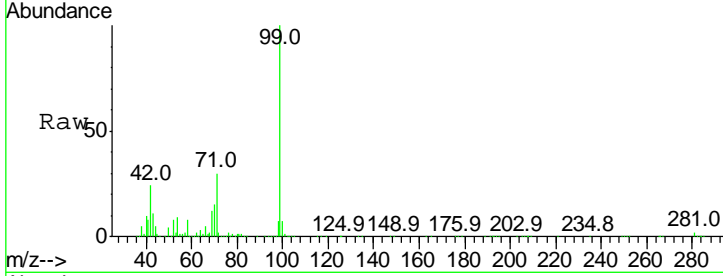




#7
 Phenol-d6
 Concen: 134.616 ng
 RT: 7.13 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

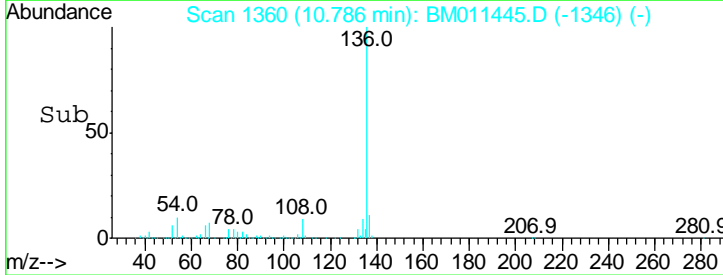
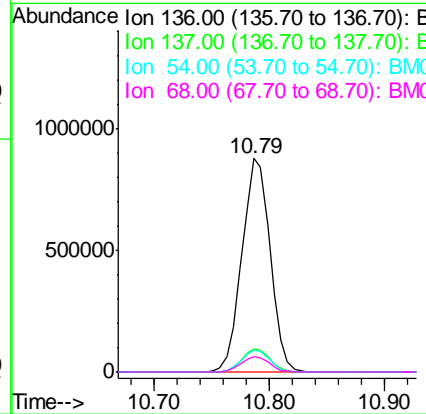
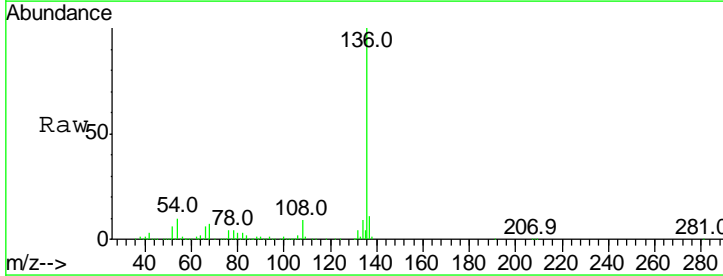
Instrument :
 BNA_M
 ClientSampled :
 BU-02-090117

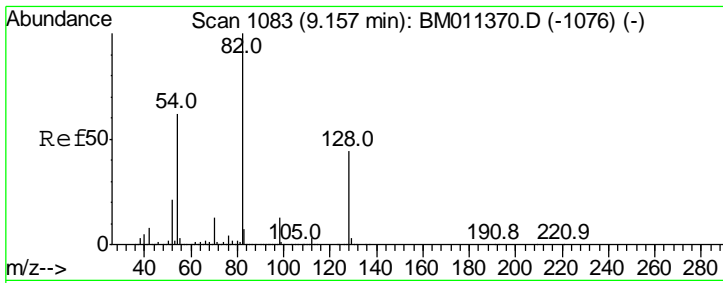
Tgt Ion	Resp	Lower	Upper
99	4111950		
Ion Ratio			
99	100		
42	24.3	11.0	16.4#
71	29.8	23.4	35.2



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.79 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Tgt Ion	Resp	Lower	Upper
136	1485426		
Ion Ratio			
136	100		
137	10.7	8.7	13.1
54	10.5	4.6	6.8#
68	7.1	3.7	5.5#

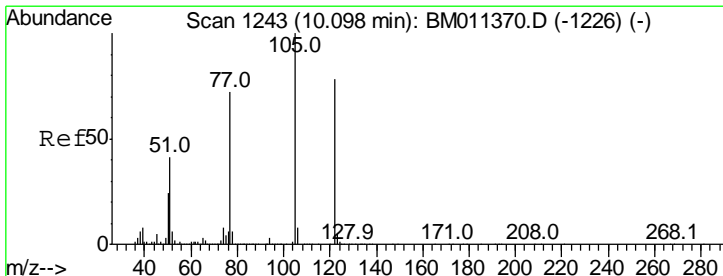
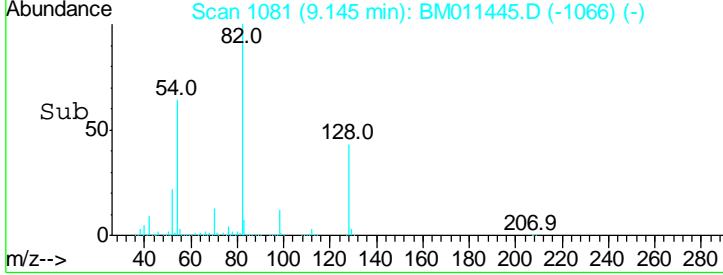
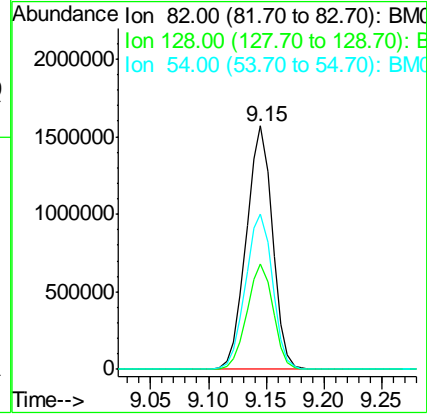
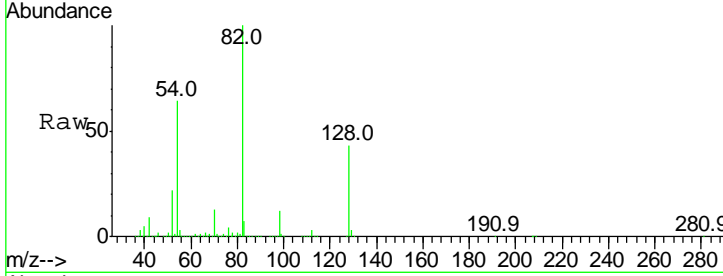




#23
 Nitrobenzene-d5
 Concen: 109.803 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

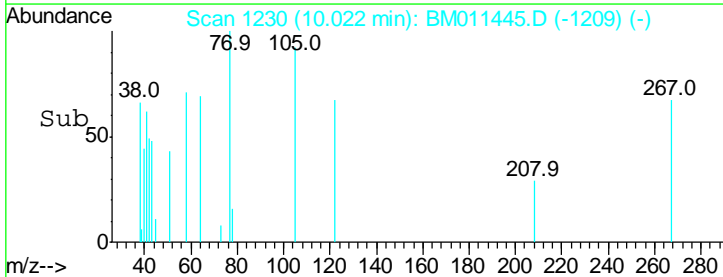
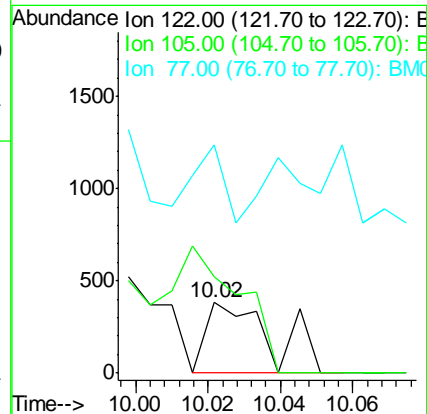
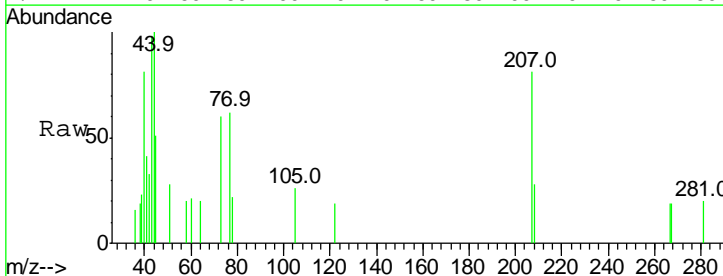
Instrument :
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ClientSampled :
 BU-02-090117

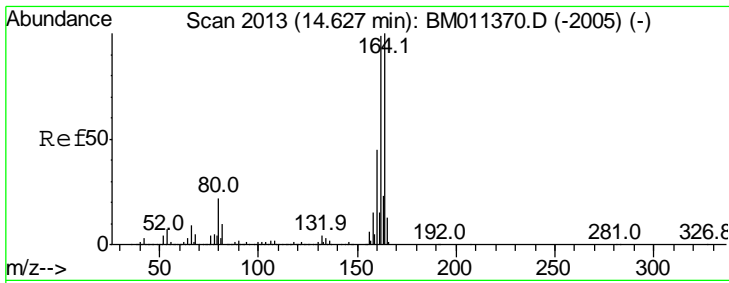
Tgt Ion	Resp	Lower	Upper
82	2475100		
82	100		
128	43.3	32.8	49.2
54	63.7	40.6	60.8



#32
 Benzoic acid
 Concen: 6.566 ng
 RT: 10.02 min Scan# 1230
 Delta R.T. -0.08 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Tgt Ion	Resp	Lower	Upper
122	484		
122	100		
105	136.0	99.9	139.9
77	322.2	73.7	113.7

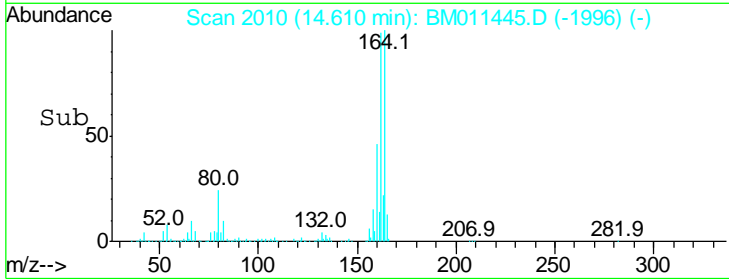
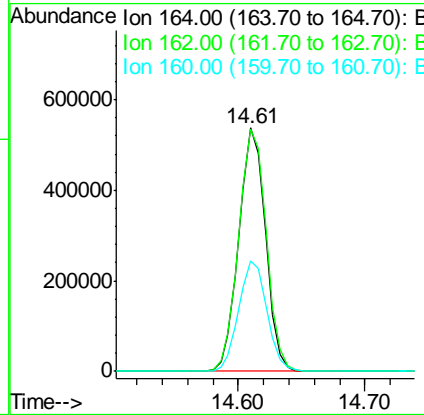
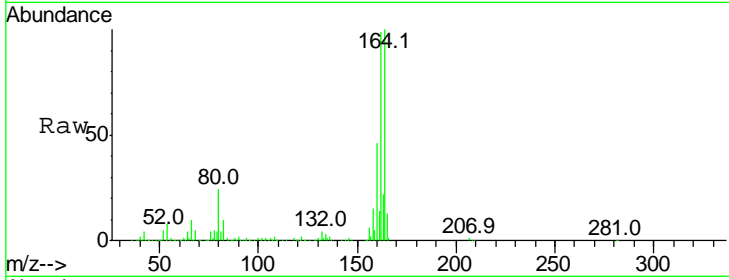




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

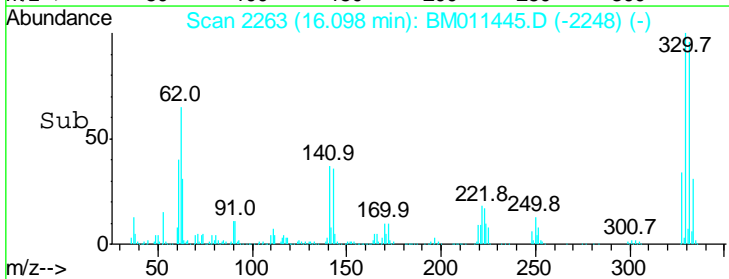
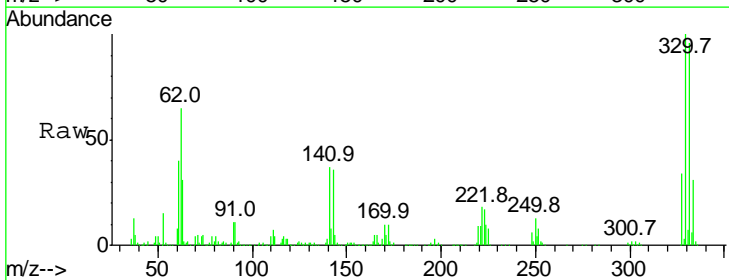
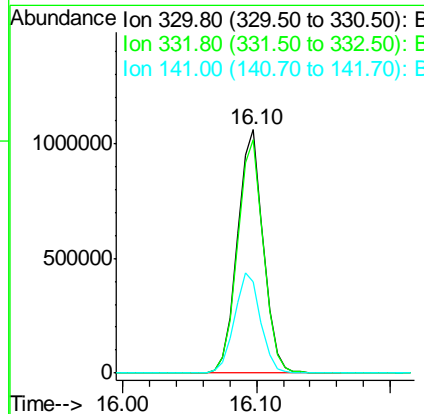
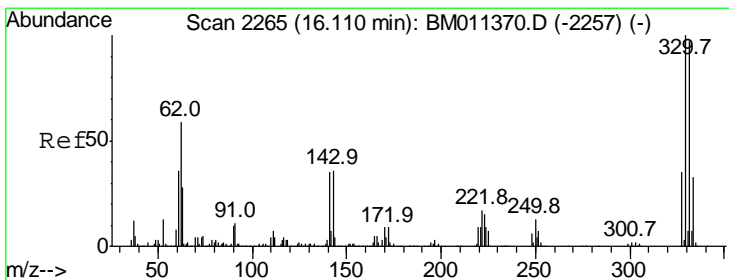
Instrument :
 BNA_M
ClientSampled :
 BU-02-090117

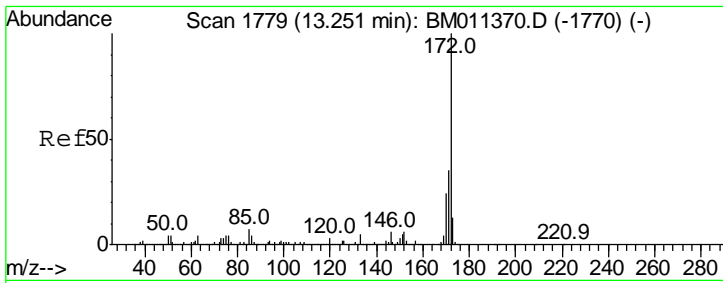
Tgt Ion	Resp	Lower	Upper
164	100		
162	99.3	82.4	123.6
160	45.5	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: 157.068 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	41.9	0.0	0.0#



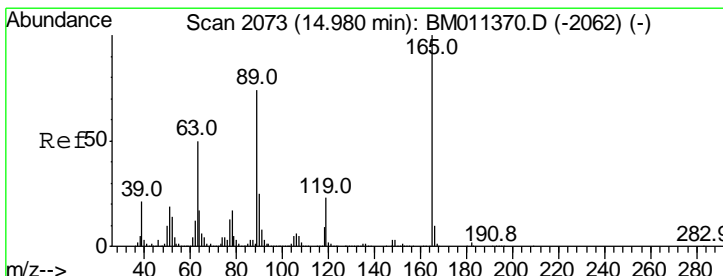
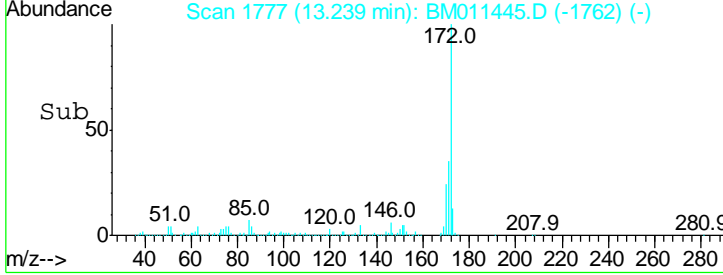
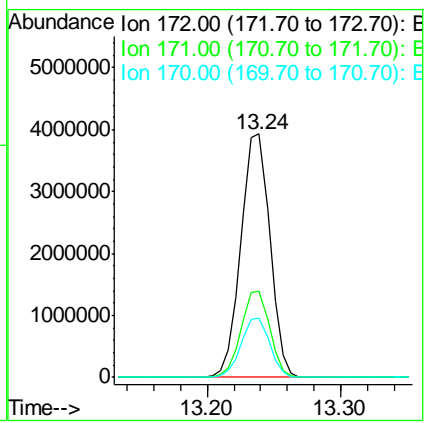
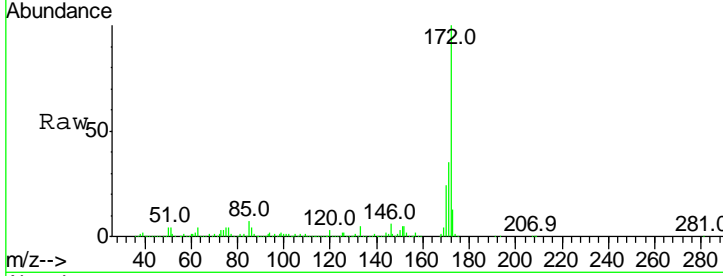


#44
 2-Fluorobiphenyl
 Concen: 109.048 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Instrument :
 BNA_M
 ClientSampled :
 BU-02-090117

Tgt Ion:172 Resp: 5915912

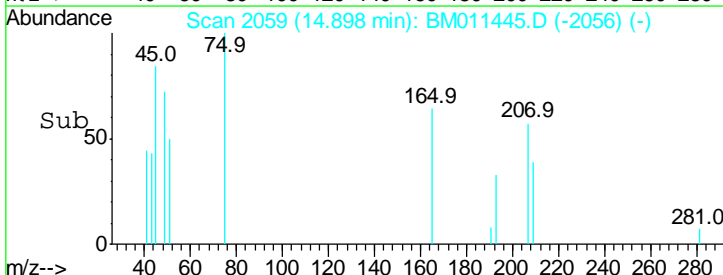
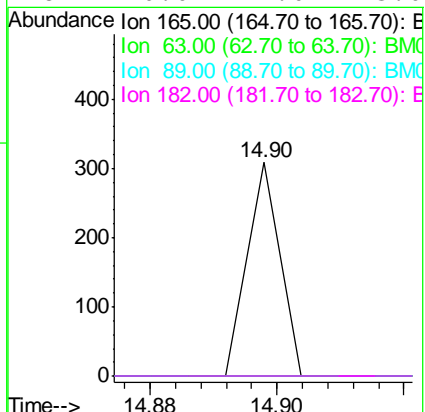
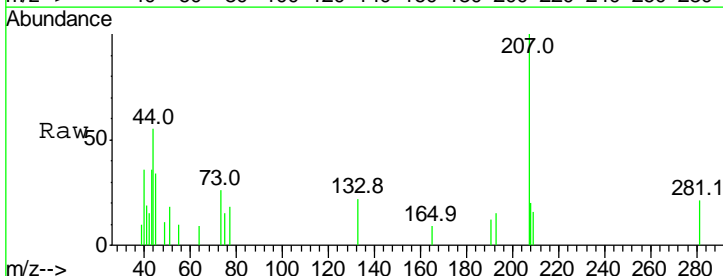
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.3	18.8	28.2

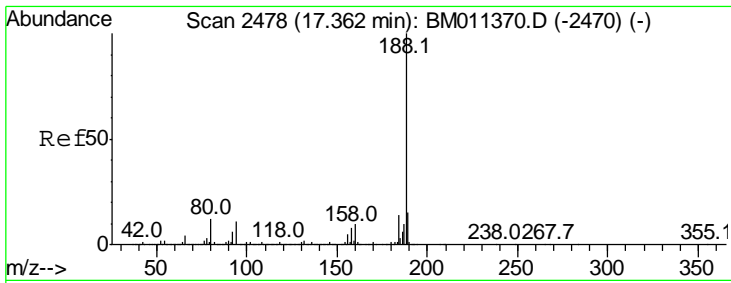


#56
 2,4-Dinitrotoluene
 Concen: 5.145 ng
 RT: 14.90 min Scan# 2059
 Delta R.T. -0.08 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Tgt Ion:165 Resp: 109

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

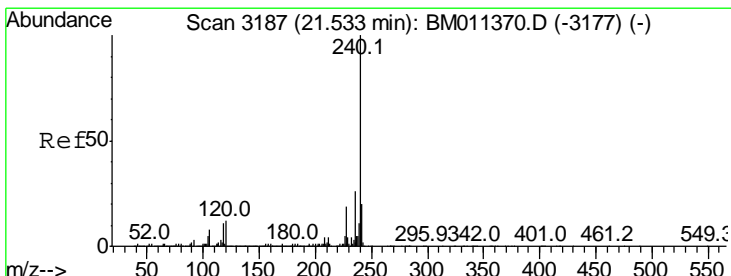
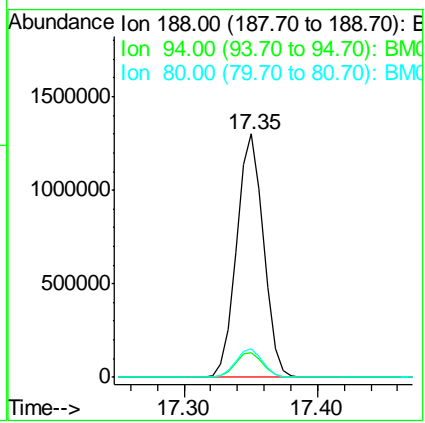
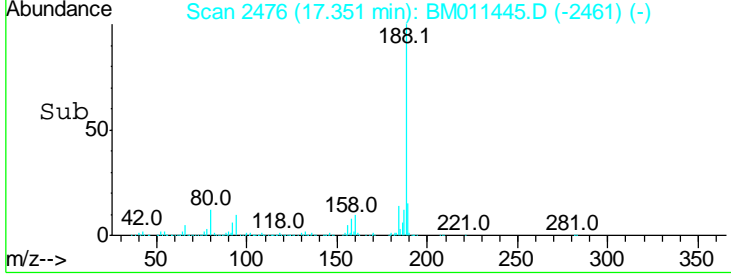
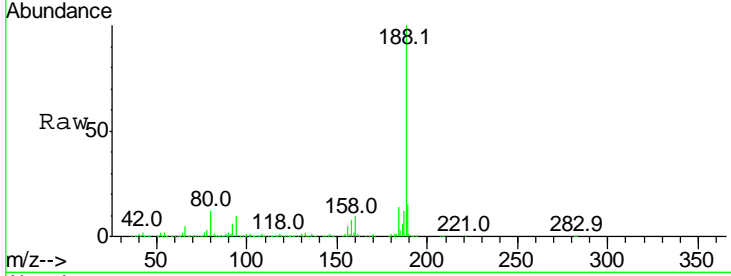




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

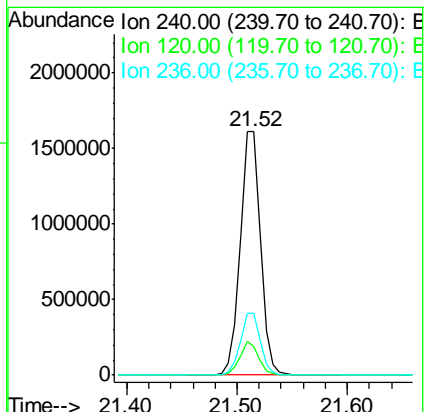
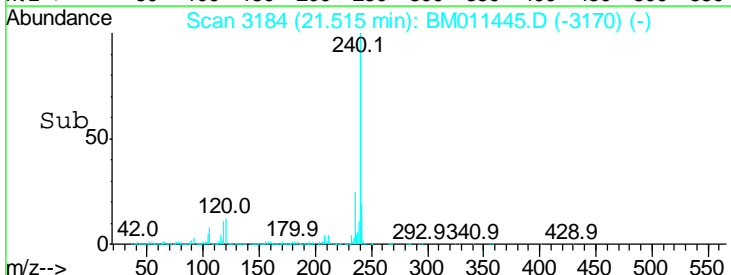
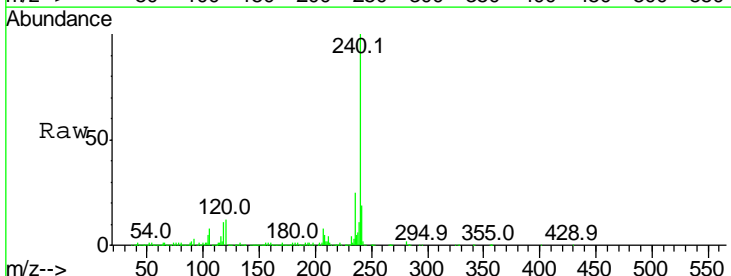
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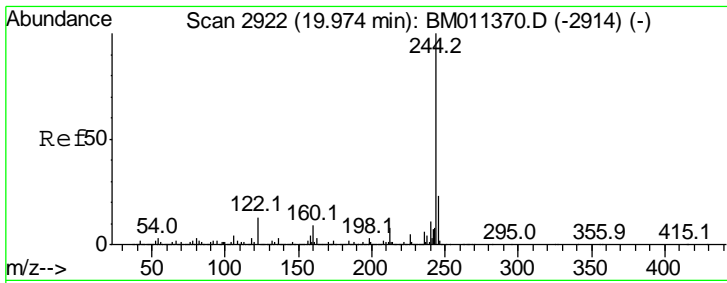
Tgt Ion	Resp	Lower	Upper
188	1818809		
94	10.3	8.7	13.1
80	11.6	9.3	13.9



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3184
 Delta R.T. -0.02 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Tgt Ion	Resp	Lower	Upper
240	2093238		
120	11.8	8.2	12.2
236	25.2	20.0	30.0



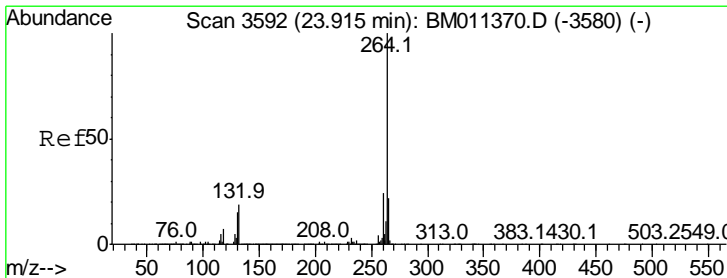
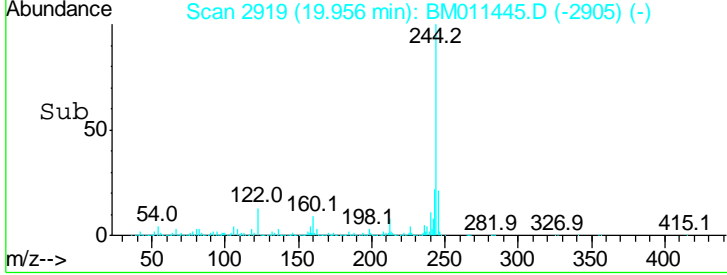
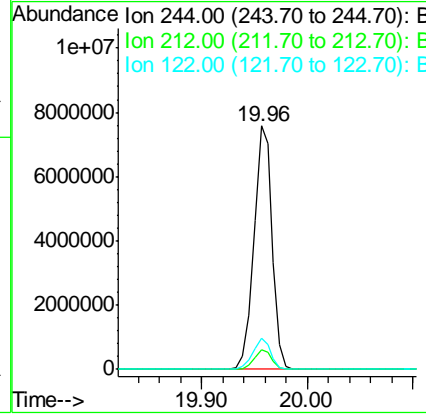
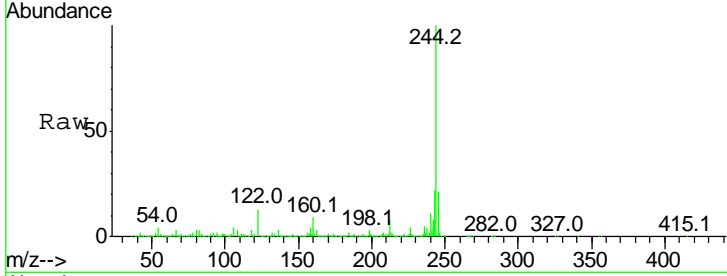


#78
 Terphenyl-d14
 Concen: 107.423 ng
 RT: 19.96 min Scan# 2919
 Delta R.T. -0.02 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Instrument :
 BNA_M
ClientSampled :
 BU-02-090117

Tgt Ion: 244 Resp: 9062572

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	12.7	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3588
 Delta R.T. -0.02 min
 Lab File: BM011445.D
 Acq: 05 Sep 2017 23:03

Tgt Ion: 264 Resp: 1774867

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.1	17.3	25.9

