

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\  
 Data File : BF086033.D  
 Acq On : 3 Apr 2016 1:25  
 Operator : UM/SJ  
 Sample : H2027-07  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GRID-16COMP

Quant Time: Apr 04 04:15:58 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
 Response via : Initial Calibration

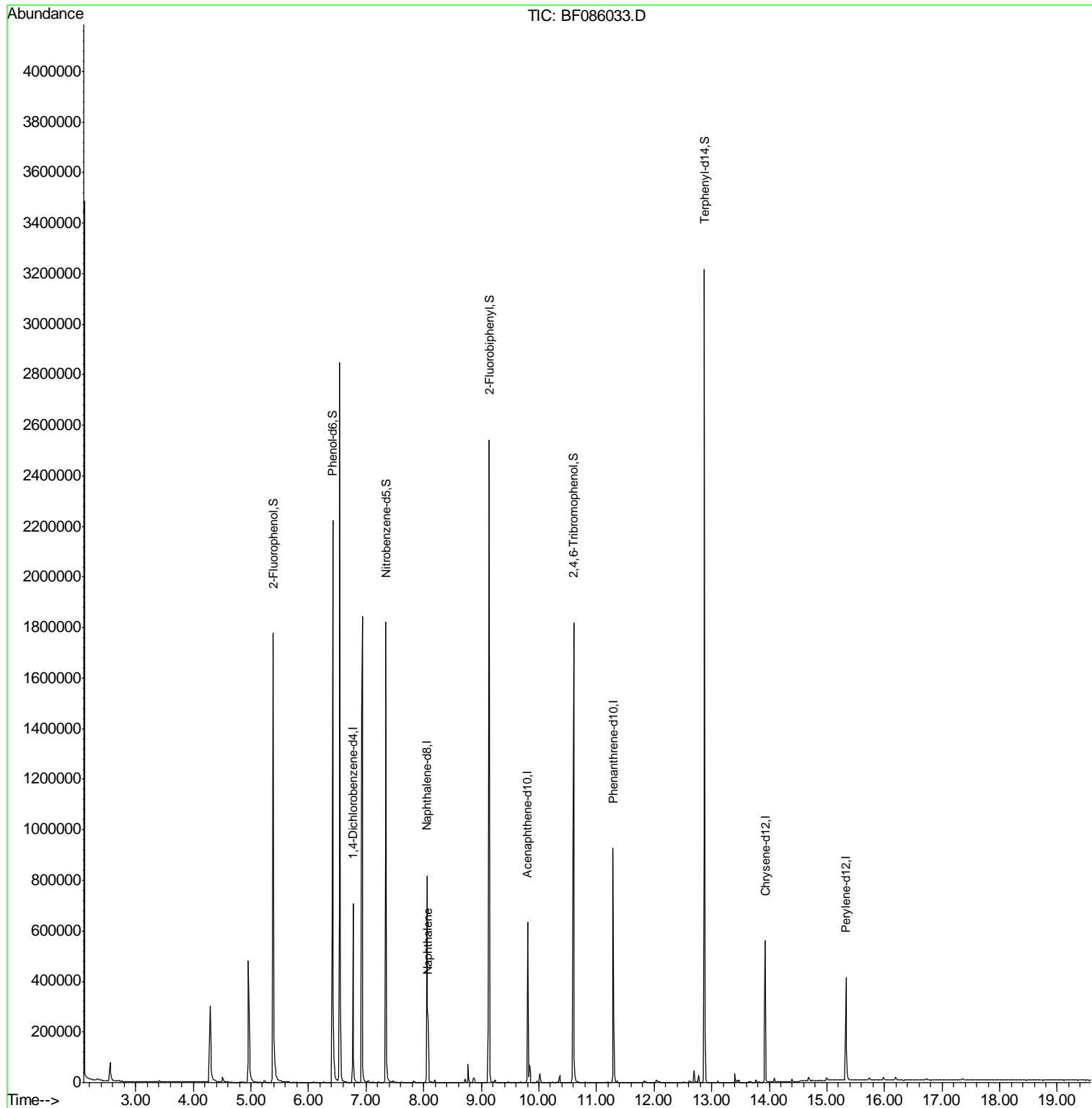
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106167	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	396418	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	174664	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	337486	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	210946	20.00	ng	0.00
86) Perylene-d12	15.33	264	187210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	845932	136.20	ng	0.02
7) Phenol-d6	6.42	99	894324	113.36	ng	0.00
23) Nitrobenzene-d5	7.34	82	740469	110.15	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	286386	174.69	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1204564	114.67	ng	0.00
78) Terphenyl-d14	12.88	244	1011481	112.71	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.08	128	115554	5.80	ng	97

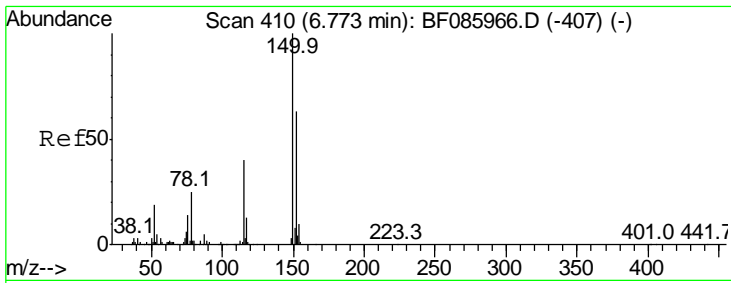
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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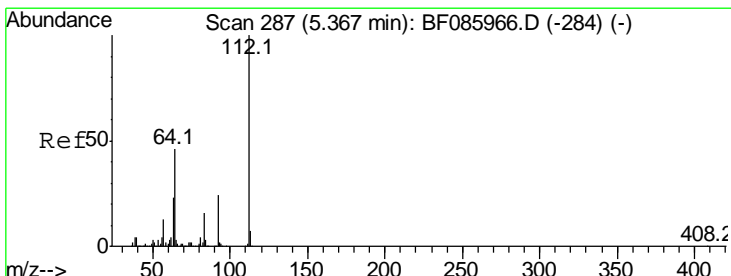
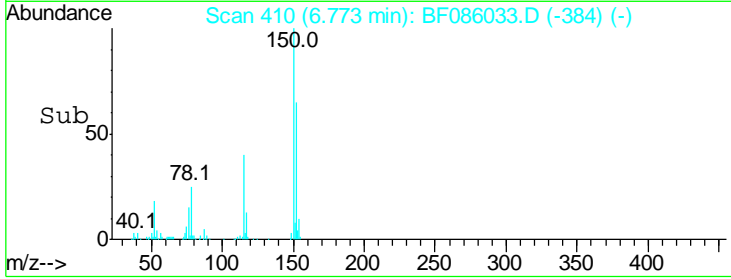
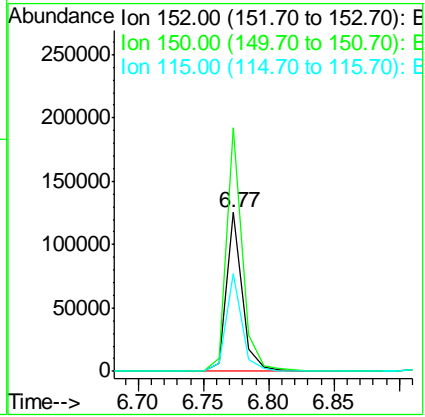
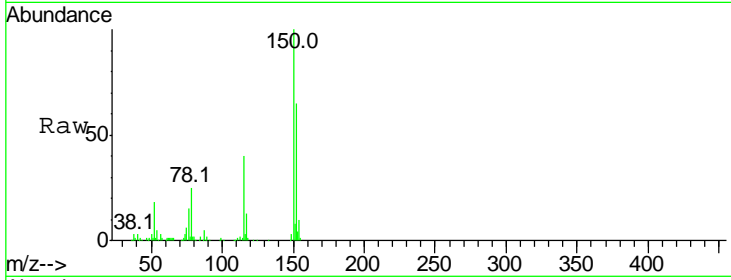




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.77 min Scan# 410  
 Delta R.T. 0.00 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

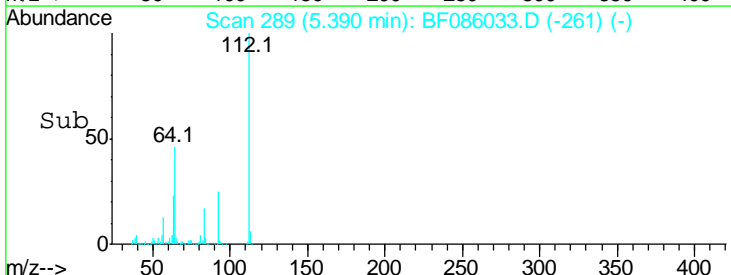
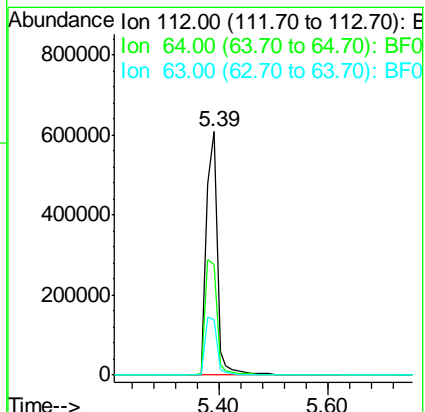
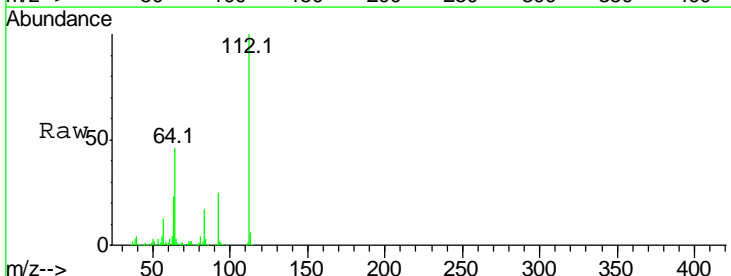
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 GRID-16COMP

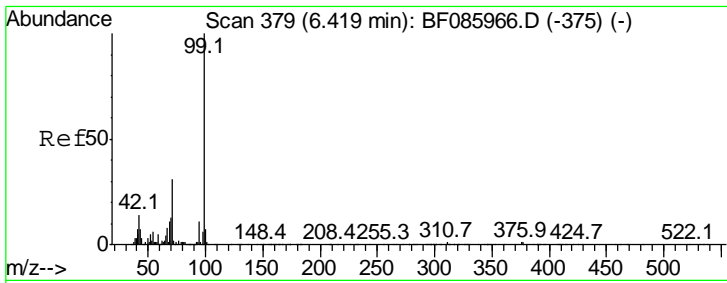
Tgt Ion	Resp	Lower	Upper
152	106167		
150	153.5	124.2	186.2
115	61.3	47.0	70.6



#5  
 2-Fluorophenol  
 Concen: 136.20 ng  
 RT: 5.39 min Scan# 289  
 Delta R.T. 0.02 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

Tgt Ion	Resp	Lower	Upper
112	845932		
64	45.5	39.9	59.9
63	22.9	20.2	30.2

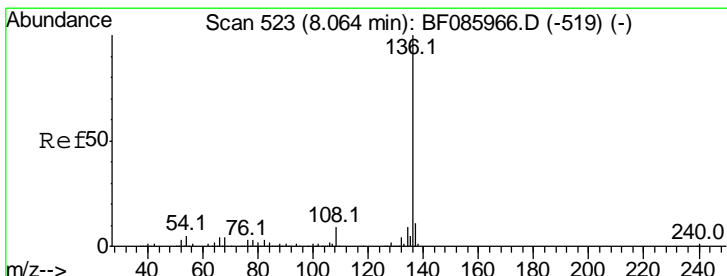
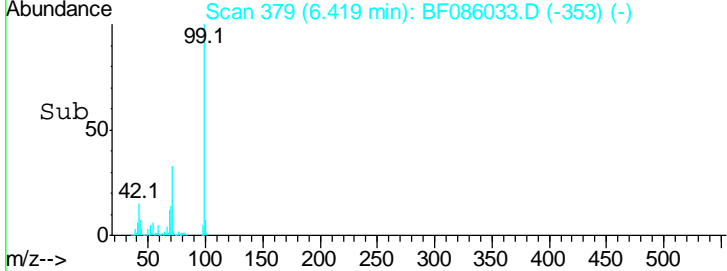
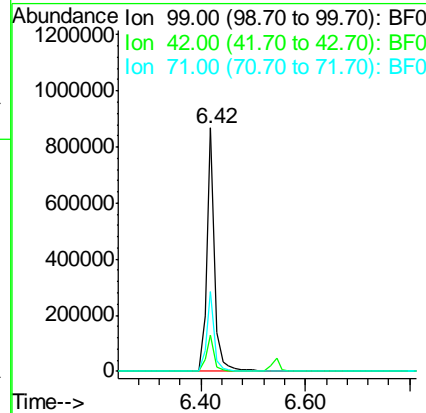
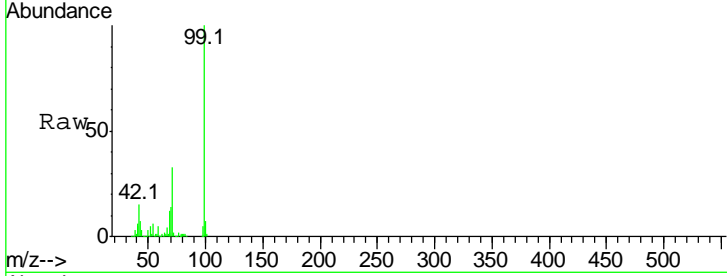




#7  
 Phenol-d6  
 Concen: 113.36 ng  
 RT: 6.42 min Scan# 379  
 Delta R.T. 0.00 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

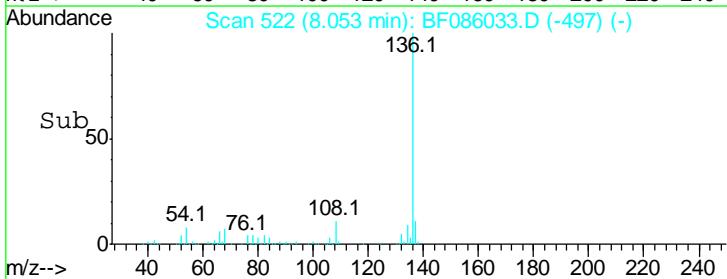
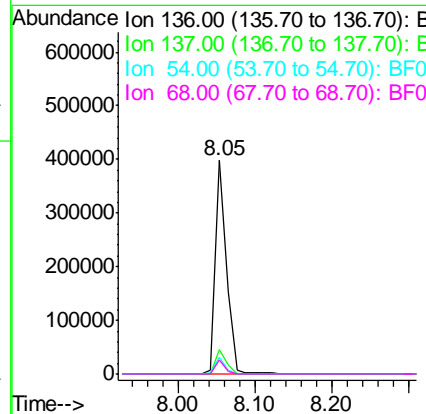
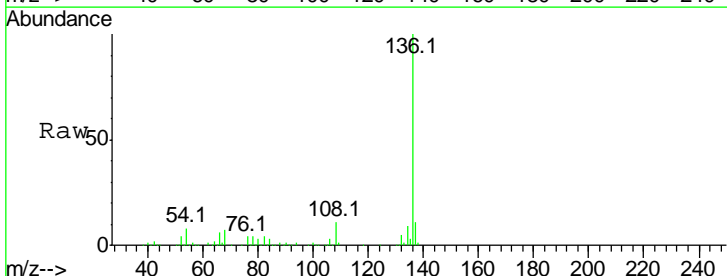
Instrument :  
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 ClientSampleId :  
 GRID-16COMP

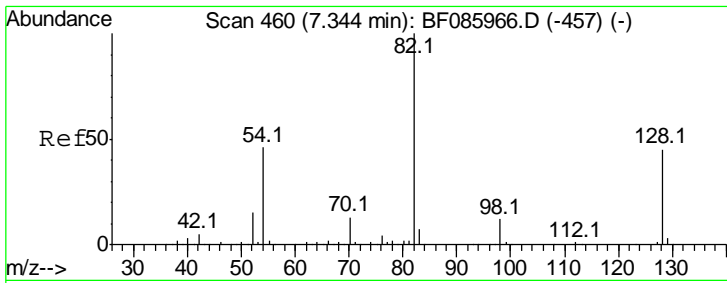
Tgt Ion	Resp	Lower	Upper
99	100		
42	14.9	11.1	16.7
71	32.8	24.9	37.3



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.05 min Scan# 522  
 Delta R.T. -0.01 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.8	7.4	11.0
68	6.9	5.8	8.8

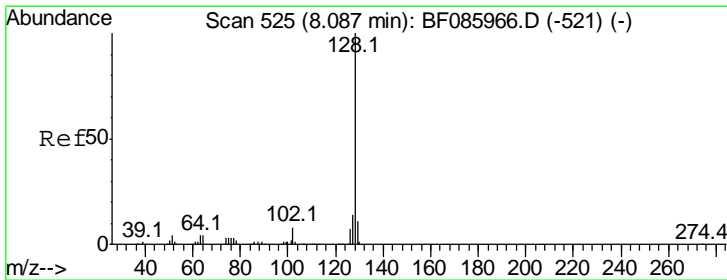
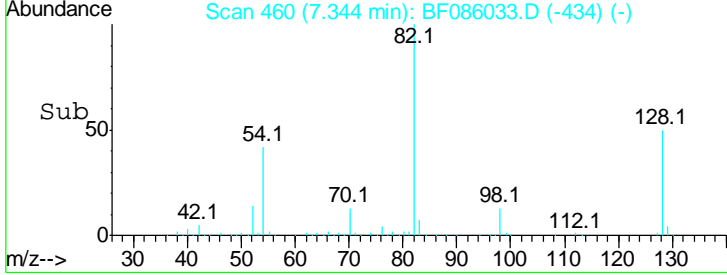
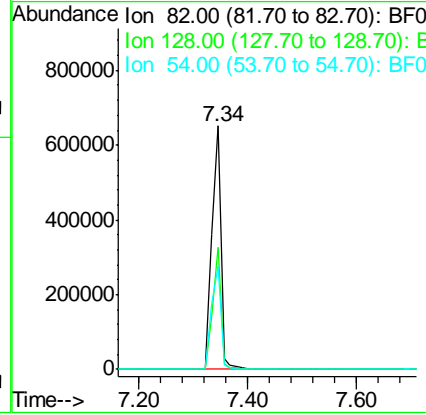
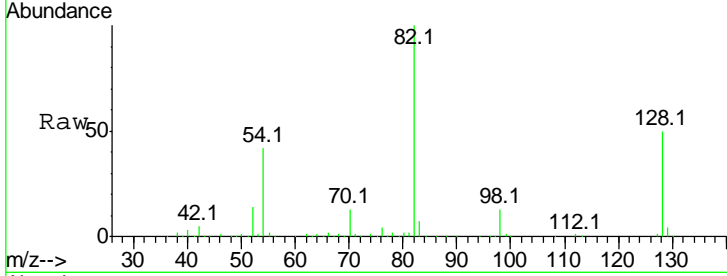




#23  
 Nitrobenzene-d5  
 Concen: 110.15 ng  
 RT: 7.34 min Scan# 460  
 Delta R.T. 0.00 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

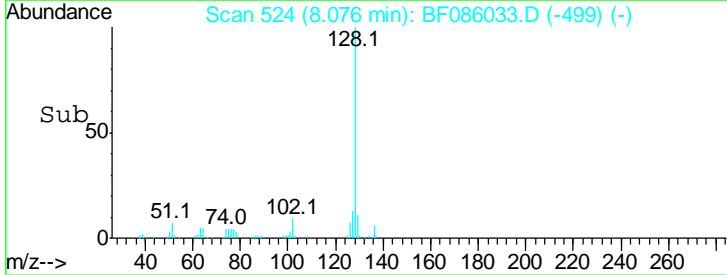
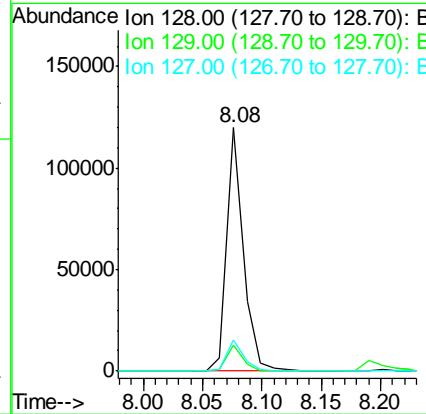
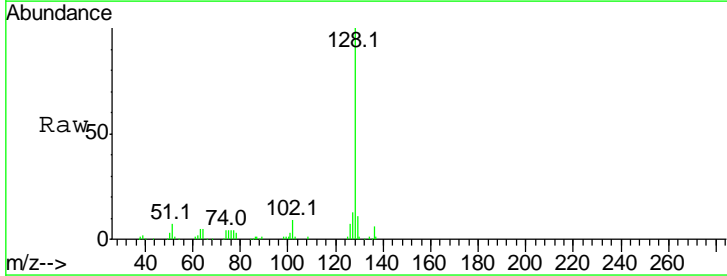
**Instrument :**  
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**ClientSampled :**  
 GRID-16COMP

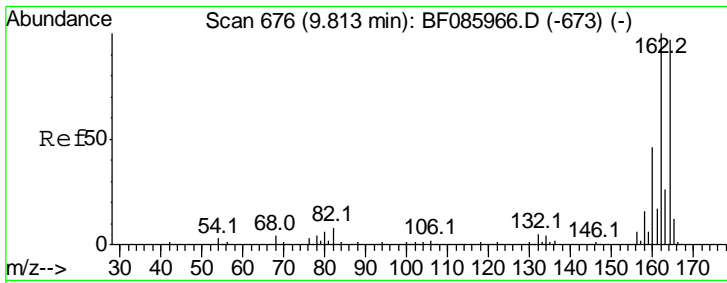
Tgt Ion	Resp	Lower	Upper
82	100		
128	50.0	41.8	62.8
54	42.2	33.4	50.0



#31  
 Naphthalene  
 Concen: 5.80 ng  
 RT: 8.08 min Scan# 524  
 Delta R.T. -0.01 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

Tgt Ion	Resp	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	13.0	11.0	16.6

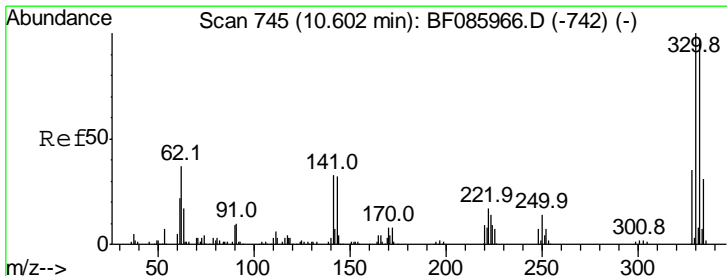
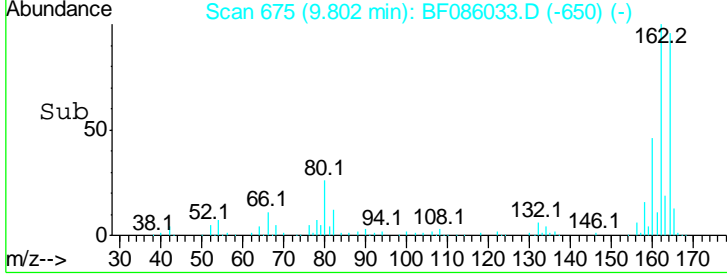
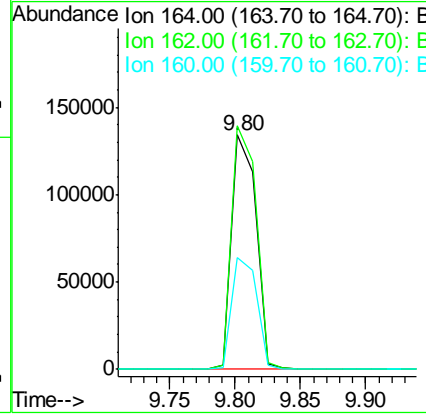
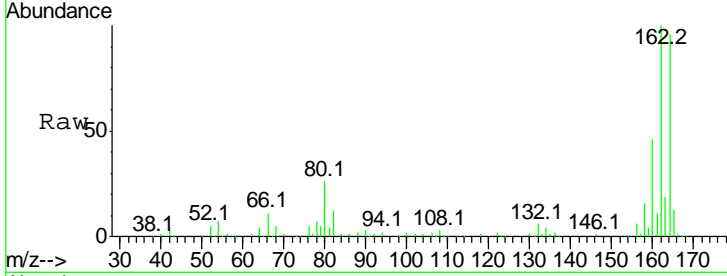




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.80 min Scan# 675  
 Delta R.T. -0.01 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

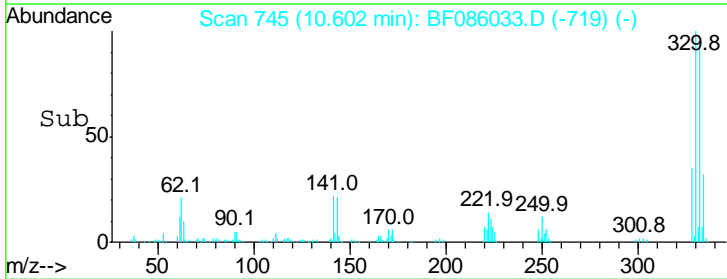
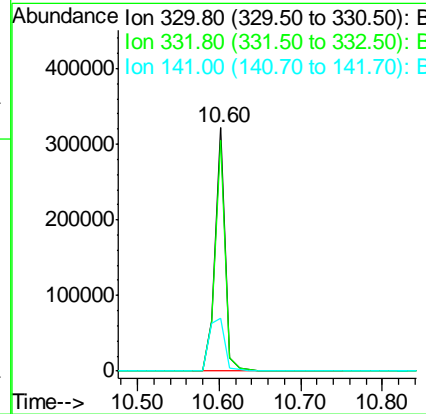
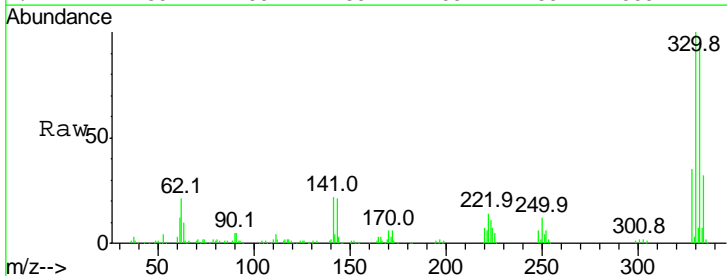
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 GRID-16COMP

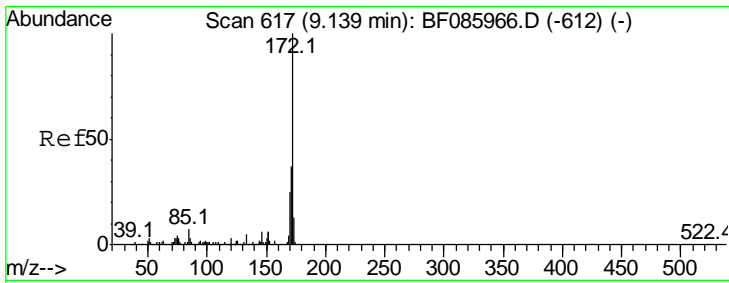
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.9	82.1	123.1
160	47.6	37.4	56.2



#41  
 2,4,6-Tribromophenol  
 Concen: 174.69 ng  
 RT: 10.60 min Scan# 745  
 Delta R.T. 0.00 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	34.1	31.5	47.3



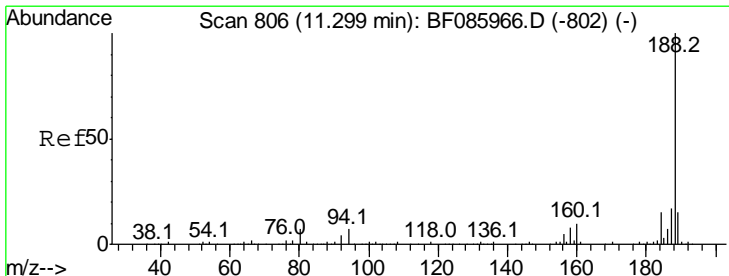
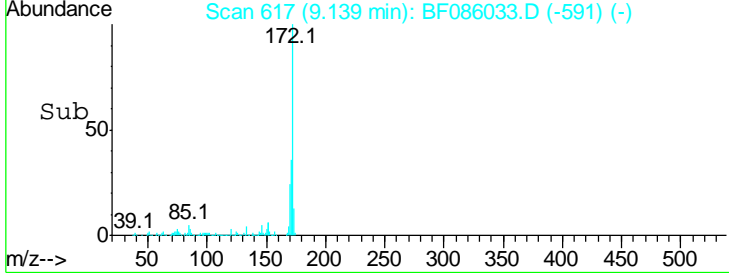
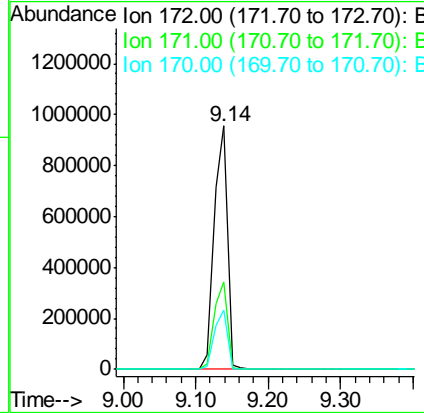
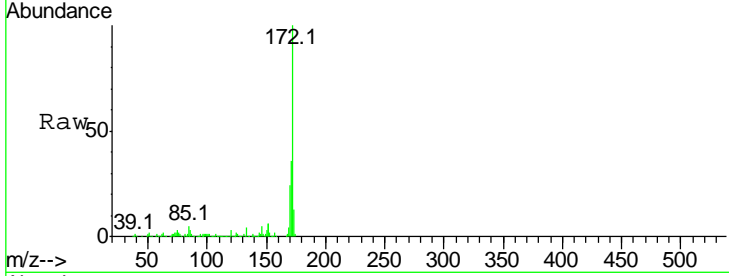


#44  
 2-Fluorobiphenyl  
 Concen: 114.67 ng  
 RT: 9.14 min Scan# 617  
 Delta R.T. 0.00 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GRID-16COMP

Tgt Ion:172 Resp: 1204564

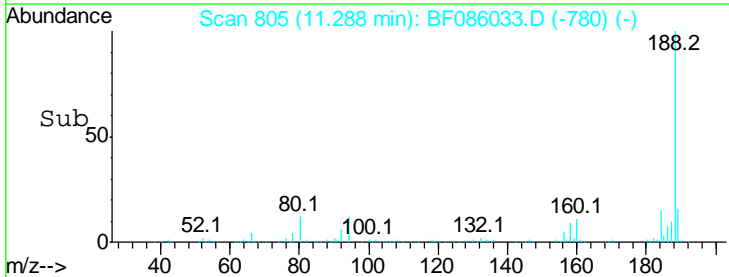
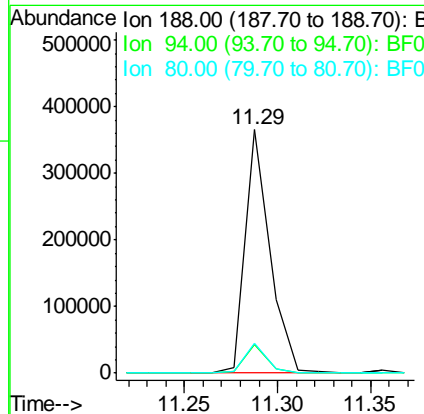
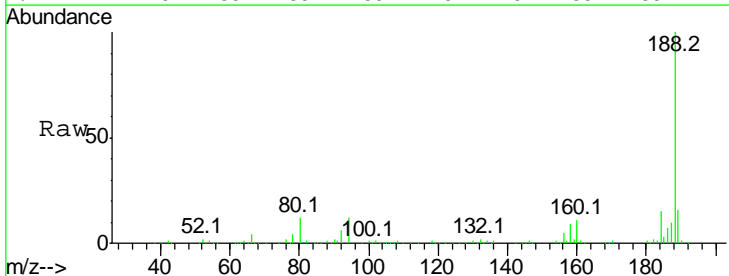
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.2	19.8	29.6

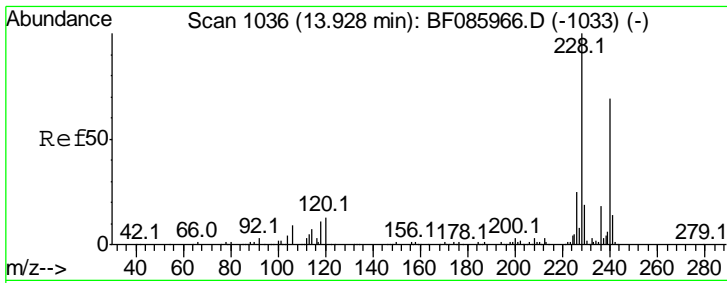


#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

Tgt Ion:188 Resp: 337486

Ion	Ratio	Lower	Upper
188	100		
94	11.6	5.4	8.0#
80	12.3	5.5	8.3#

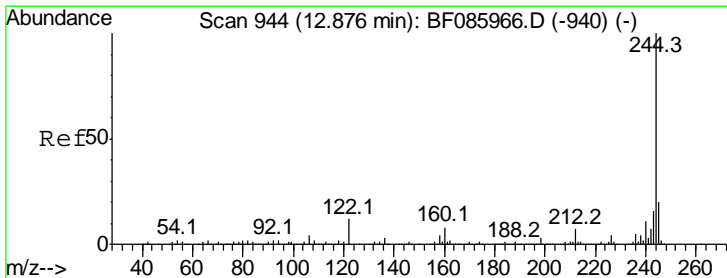
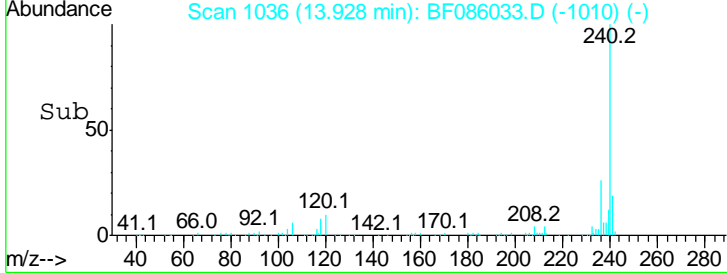
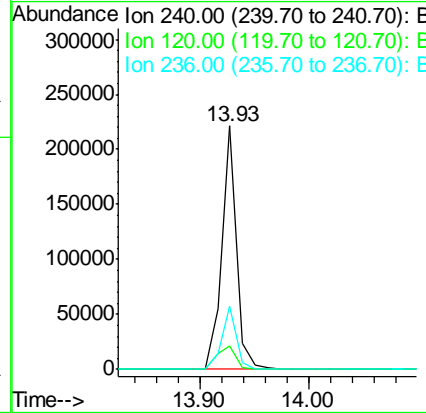
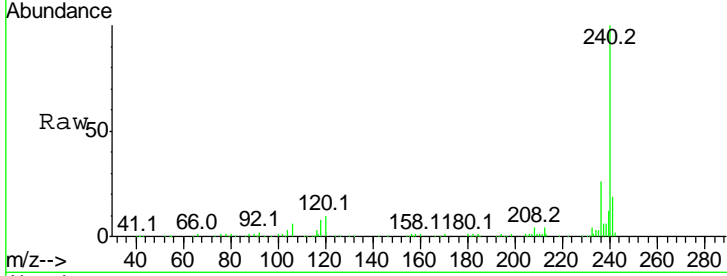




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.93 min Scan# 1036  
 Delta R.T. 0.00 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

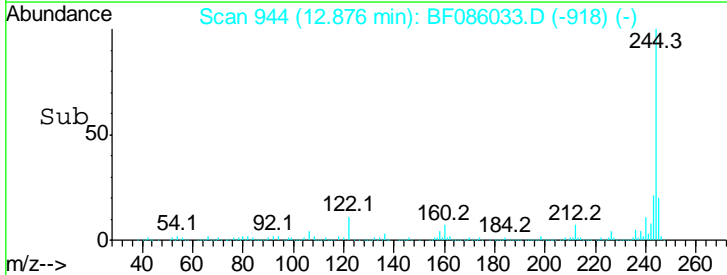
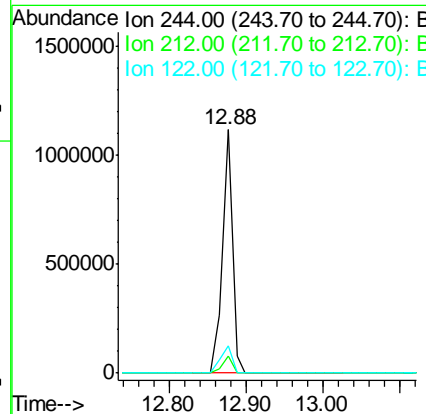
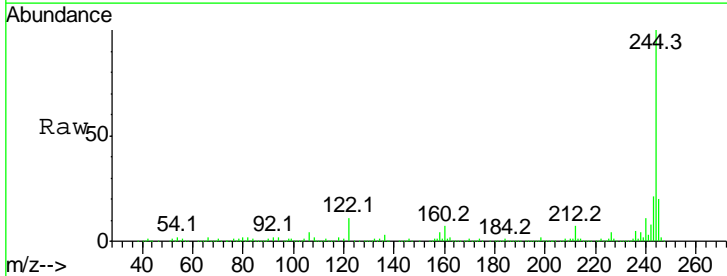
Instrument :  
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Tgt Ion	Resp	Lower	Upper
240	100		
120	9.6	13.8	20.8#
236	26.0	20.6	30.8

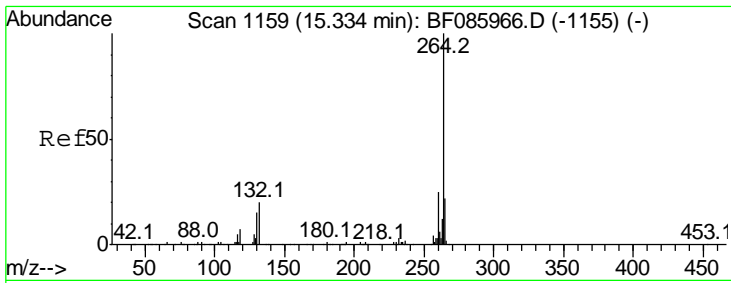


#78  
 Terphenyl-d14  
 Concen: 112.71 ng  
 RT: 12.88 min Scan# 944  
 Delta R.T. 0.00 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.3	10.2	15.4







#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.33 min Scan# 1159  
 Delta R.T. 0.00 min  
 Lab File: BF086033.D  
 Acq: 3 Apr 2016 1:25

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 GRID-16COMP

Tot Ion: 264 Resp: 187210

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.9	17.2	25.8

