

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\  
 Data File : BF092321.D  
 Acq On : 17 Jan 2017 17:35  
 Operator : UM/SJ  
 Sample : PB96091BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB96061BL

Quant Time: Jan 18 00:24:57 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 18 00:11:54 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	137055	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	560779	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	285065	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	488391	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	405442	20.00	ng	-0.01
86) Perylene-d12	15.05	264	314265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1087509	132.49	ng	0.01
7) Phenol-d6	6.22	99	1428580	142.55	ng	0.00
23) Nitrobenzene-d5	7.12	82	836353	82.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	284156	120.45	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1353039	99.44	ng	0.00
78) Terphenyl-d14	12.65	244	1307174	78.19	ng	0.00

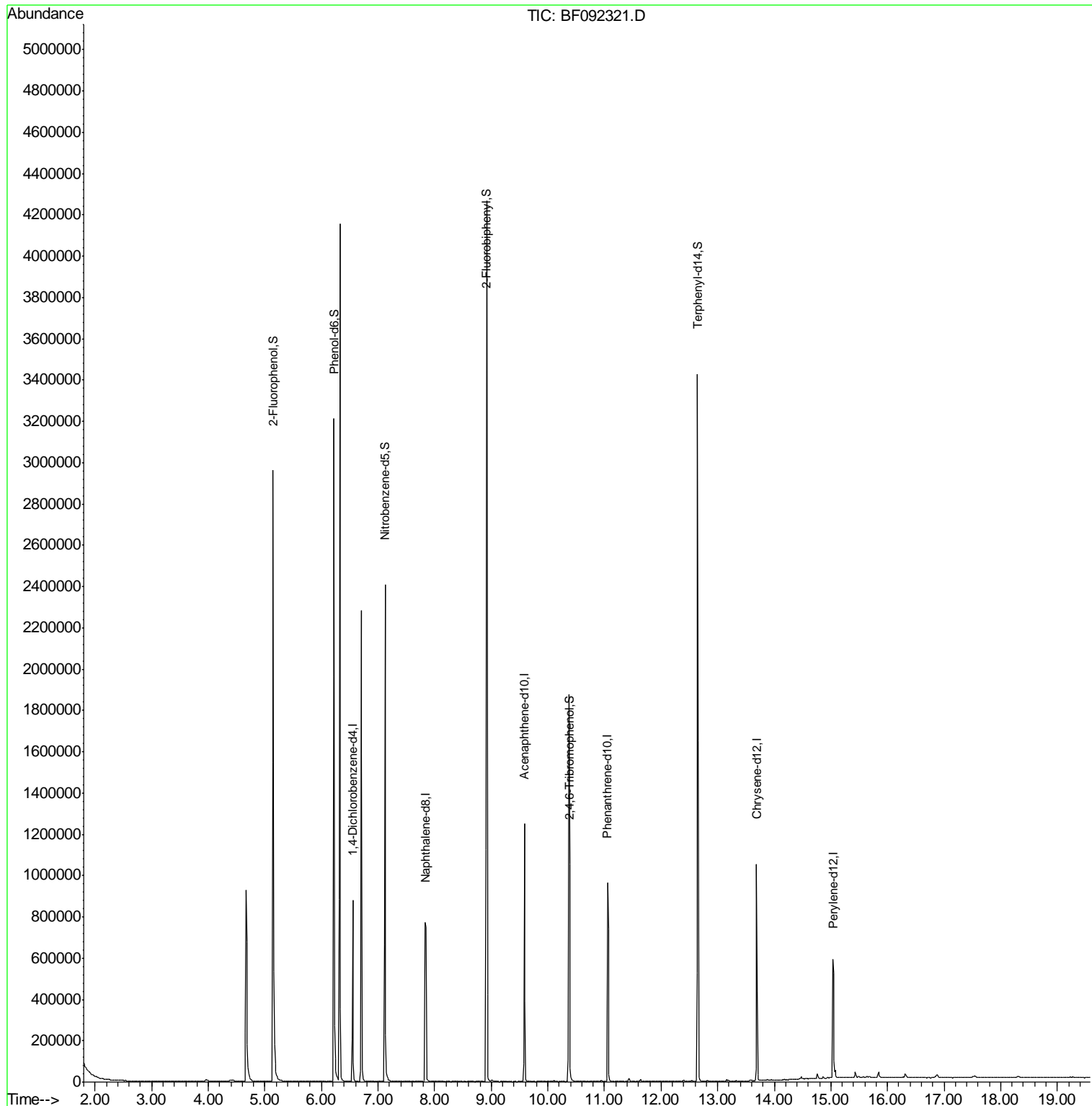
Target Compounds Qvalue

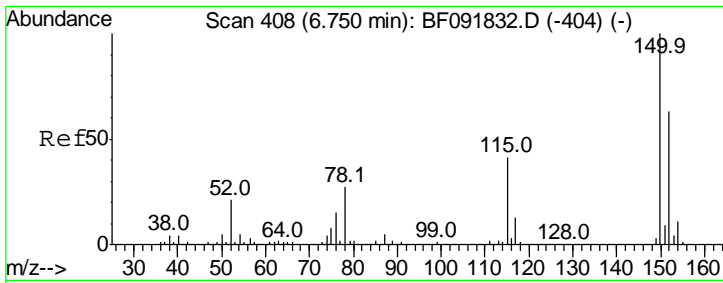
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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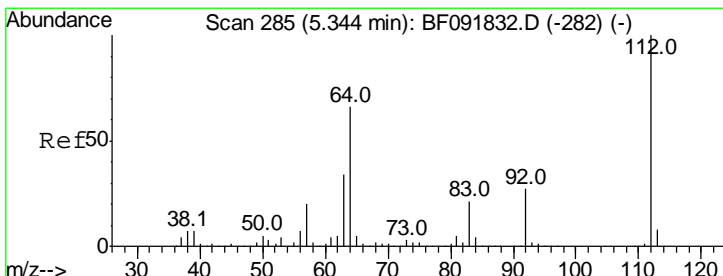
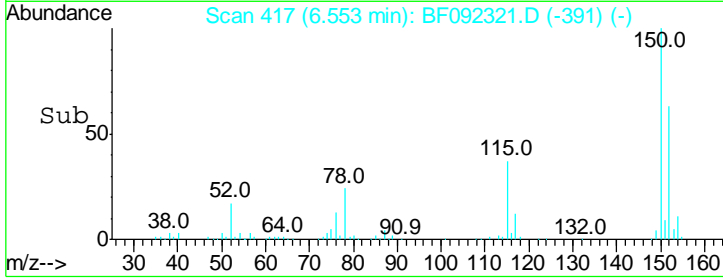
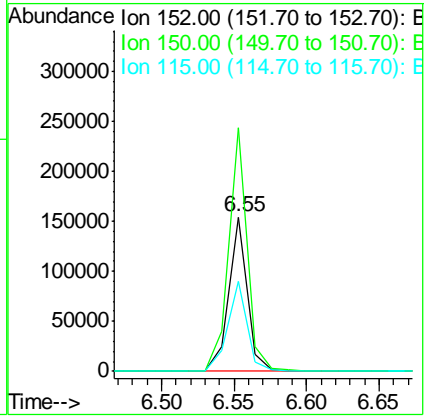
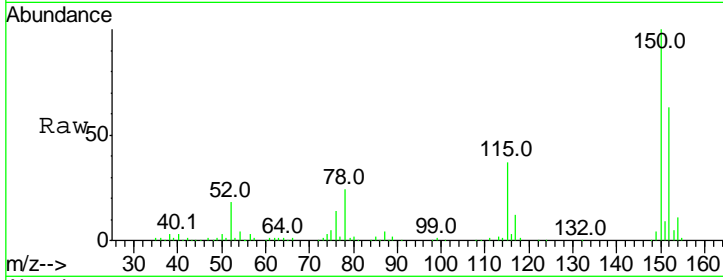




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.55 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

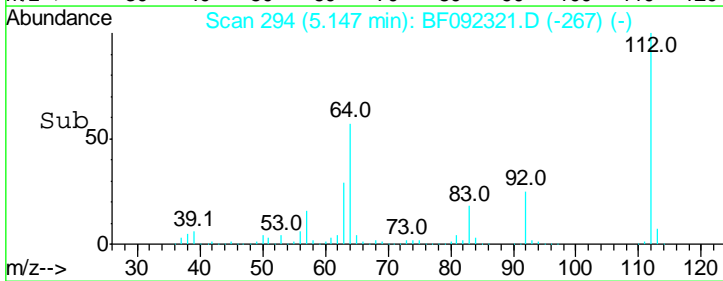
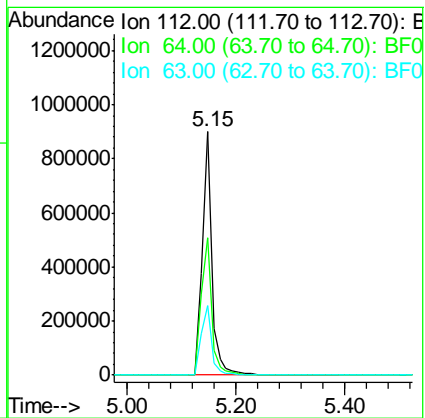
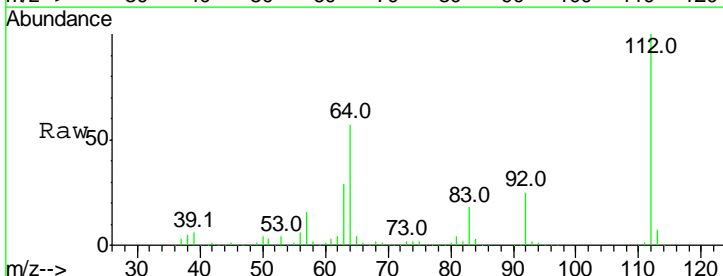
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB96061BL

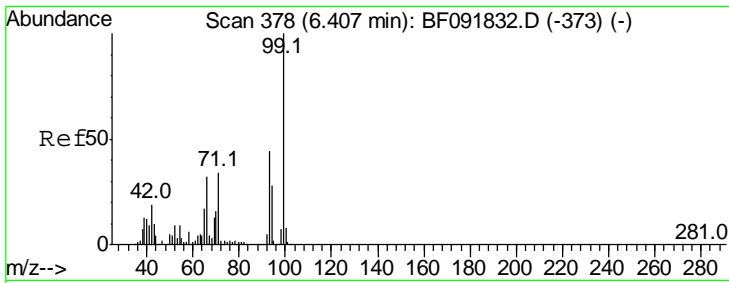
Tgt Ion	Resp	Lower	Upper
152	137055		
152	100		
150	157.5	124.9	187.3
115	58.5	46.0	69.0



#5  
 2-Fluorophenol  
 Concen: 132.49 ng  
 RT: 5.15 min Scan# 294  
 Delta R.T. 0.01 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

Tgt Ion	Resp	Lower	Upper
112	1087509		
112	100		
64	56.6	46.1	69.1
63	28.6	23.8	35.6



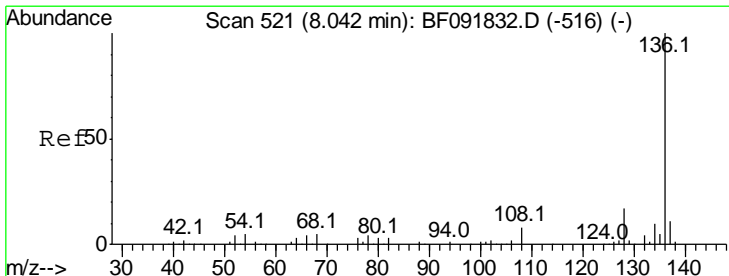
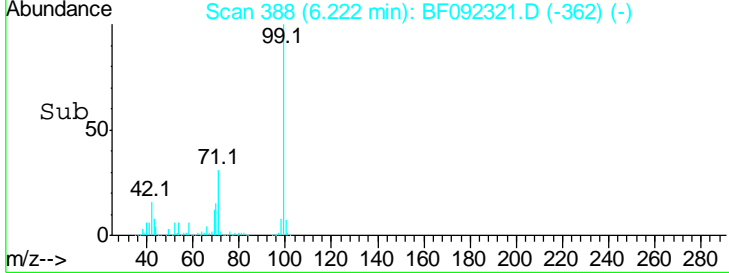
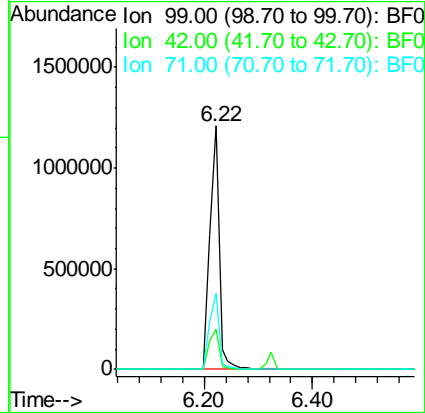
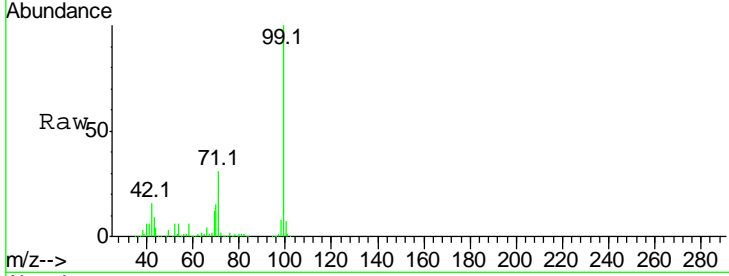


#7  
 Phenol-d6  
 Concen: 142.55 ng  
 RT: 6.22 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB96061BL

Tgt Ion: 99 Resp: 1428580

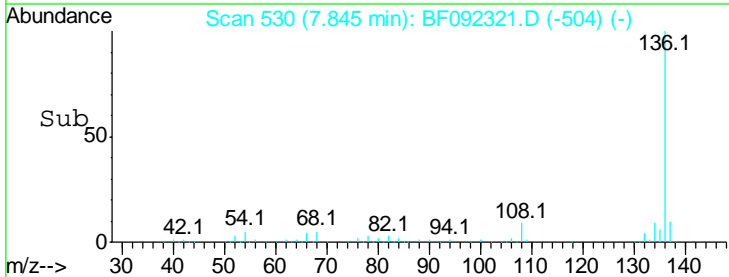
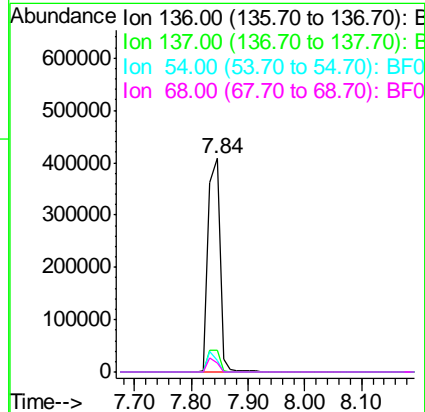
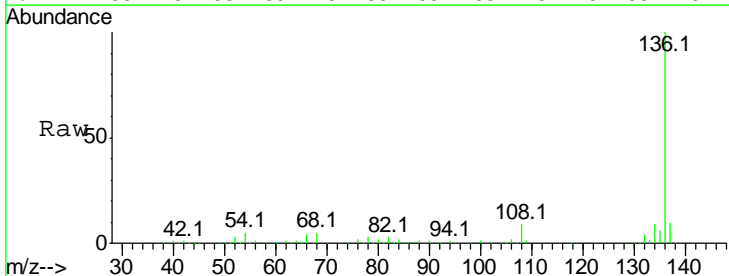
Ion	Ratio	Lower	Upper
99	100		
42	16.3	15.6	23.4
71	31.1	27.5	41.3

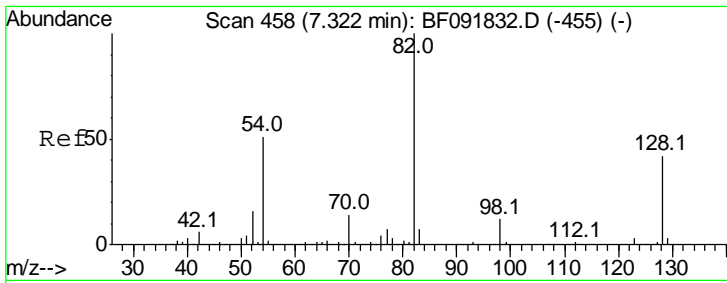


#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 7.84 min Scan# 530  
 Delta R.T. 0.00 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

Tgt Ion: 136 Resp: 560779

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	5.4	4.5	6.7
68	4.5	3.6	5.4

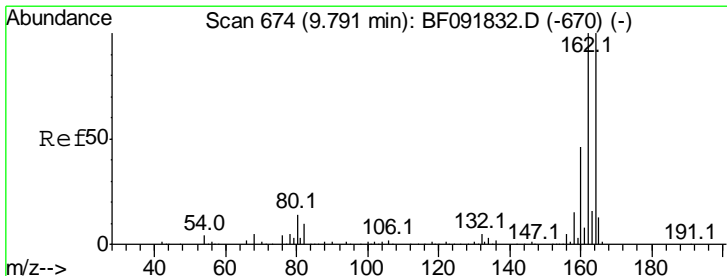
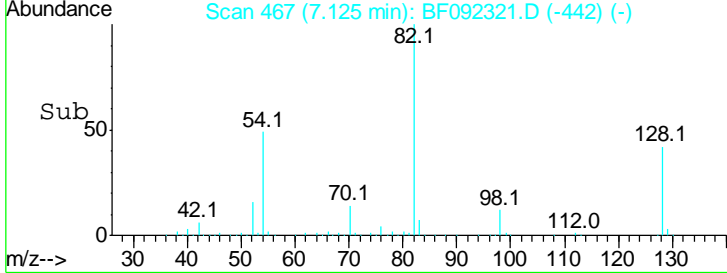
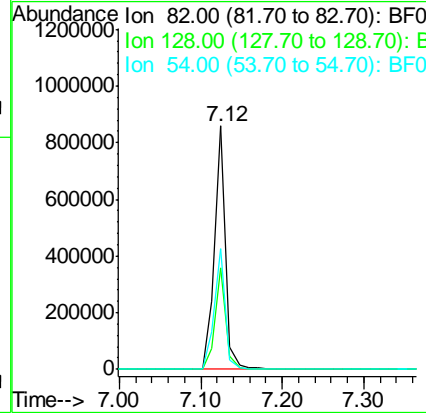
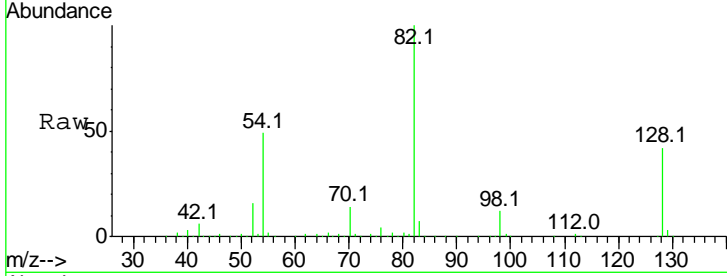




#23  
 Nitrobenzene-d5  
 Concen: 82.93 ng  
 RT: 7.12 min Scan# 467  
 Delta R.T. -0.01 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

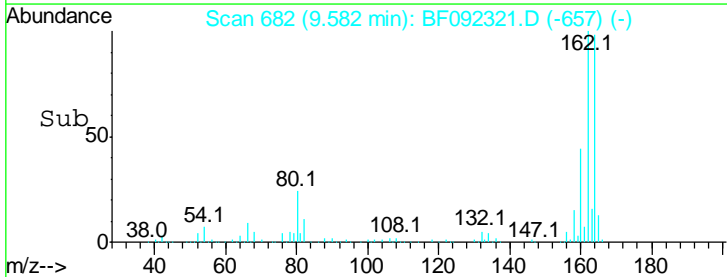
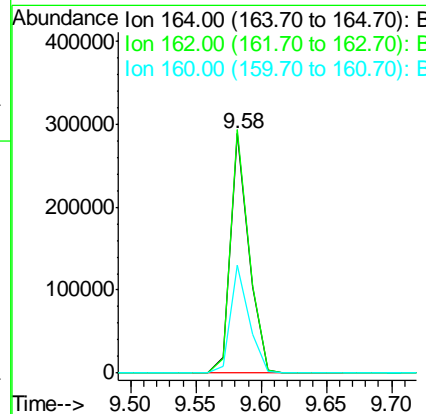
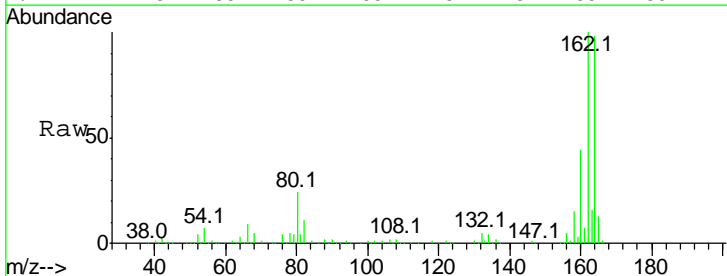
**Instrument :**  
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**ClientSampled :**  
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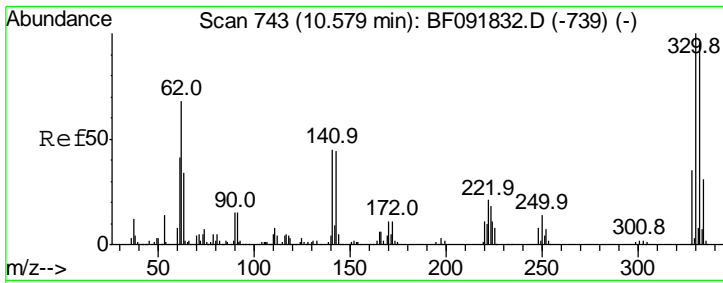
Tgt Ion	Resp	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	49.4	39.5	59.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.58 min Scan# 682  
 Delta R.T. -0.01 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	44.9	36.9	55.3

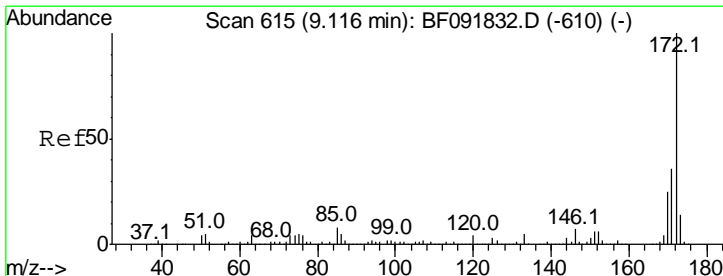
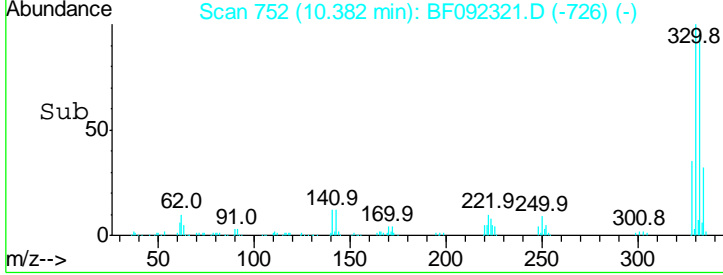
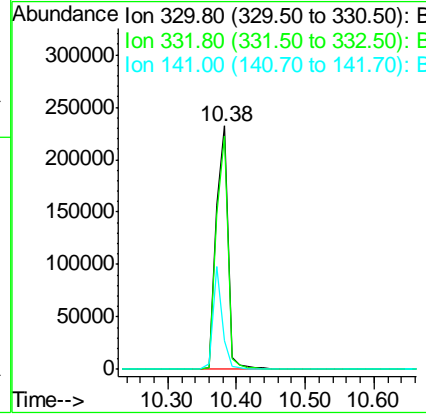
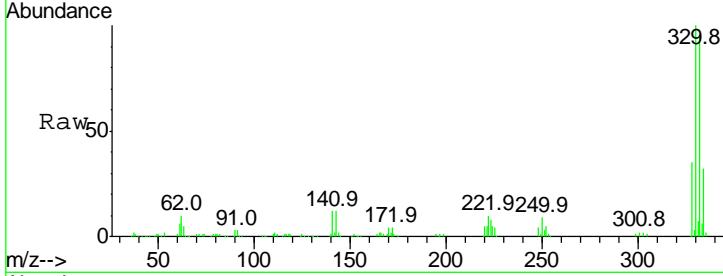




#41  
 2,4,6-Tribromophenol  
 Concen: 120.45 ng  
 RT: 10.38 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

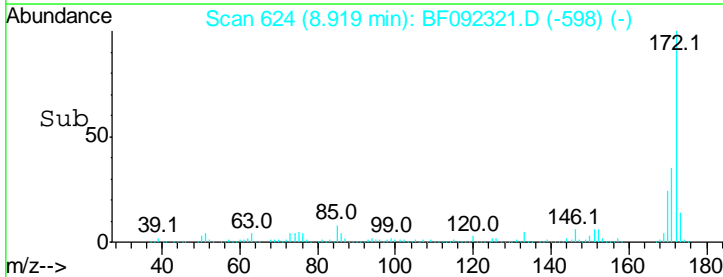
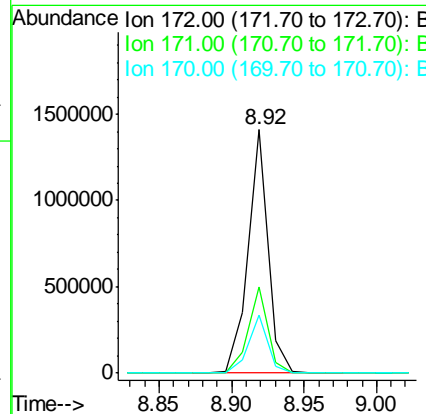
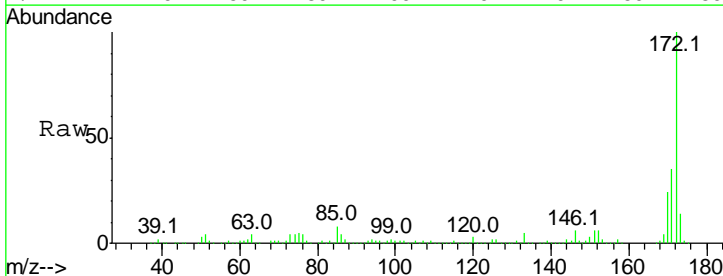
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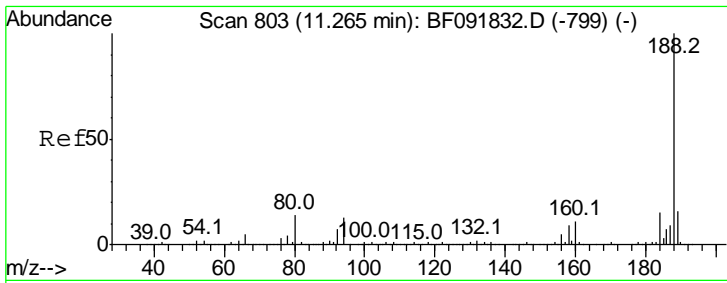
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	32.9	34.1	51.1#



#44  
 2-Fluorobiphenyl  
 Concen: 99.44 ng  
 RT: 8.92 min Scan# 624  
 Delta R.T. 0.00 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.9	20.2	30.4

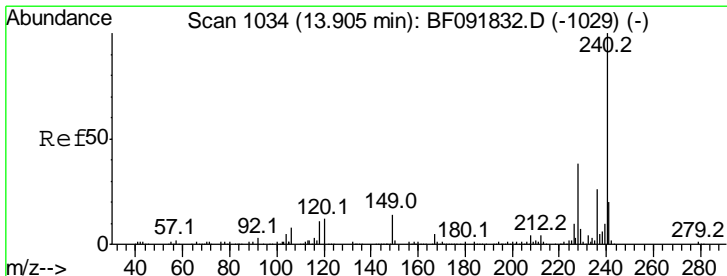
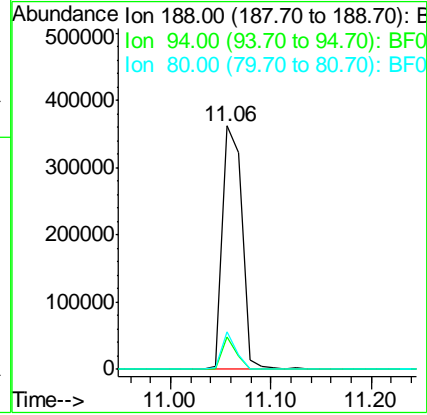
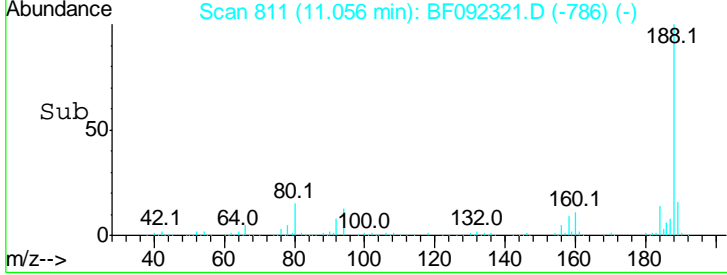
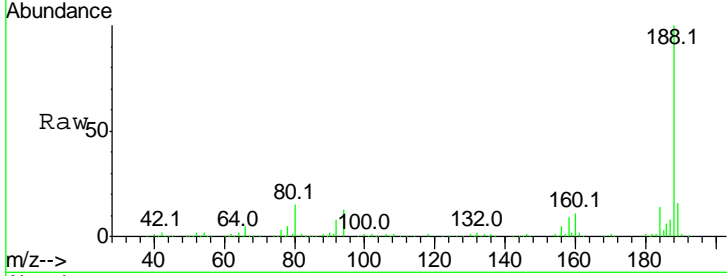




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.06 min Scan# 811  
 Delta R.T. -0.01 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

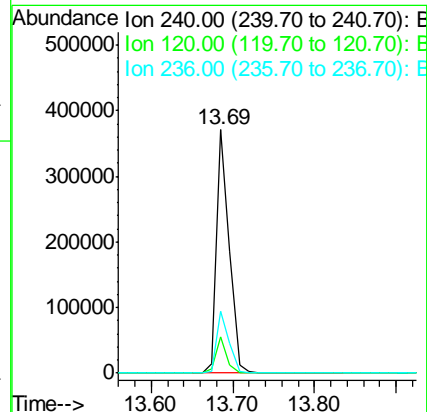
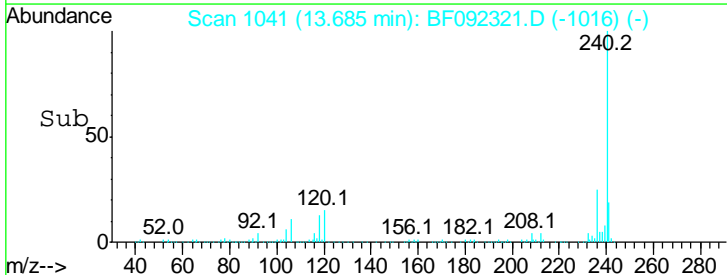
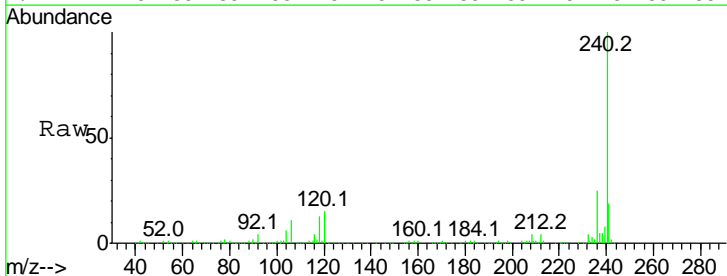
Instrument :  
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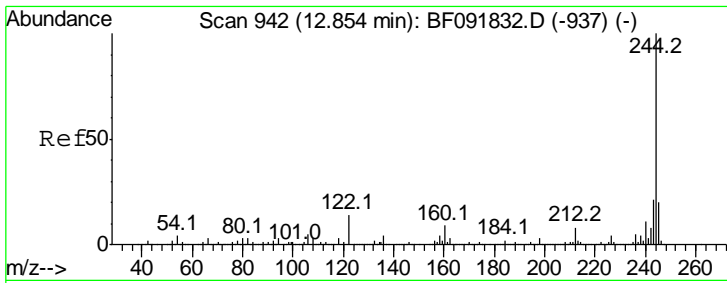
Tgt Ion	Resp	Lower	Upper
188	100		
94	13.5	10.0	15.0
80	15.2	11.2	16.8



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.69 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

Tgt Ion	Resp	Lower	Upper
240	100		
120	15.1	12.9	19.3
236	25.3	20.9	31.3



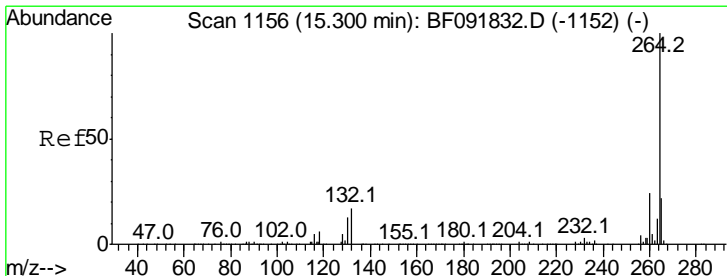
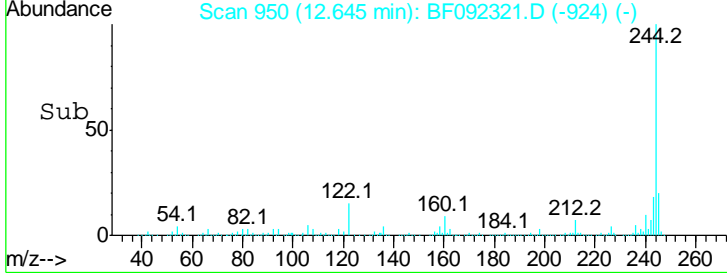
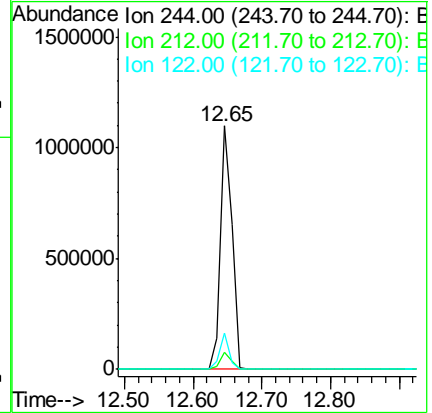
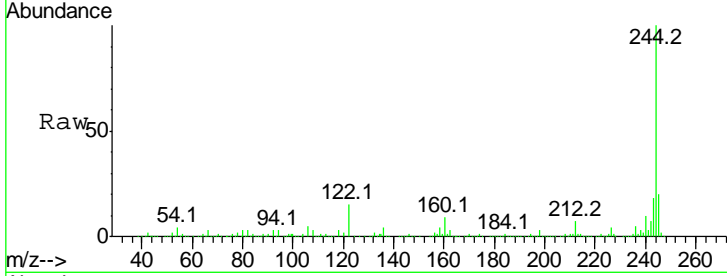


#78  
 Terphenyl-d14  
 Concen: 78.19 ng  
 RT: 12.65 min Scan# 950  
 Delta R.T. 0.00 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB96061BL

Tgt Ion: 244 Resp: 1307174

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	15.1	11.4	17.2



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.05 min Scan# 1160  
 Delta R.T. 0.00 min  
 Lab File: BF092321.D  
 Acq: 17 Jan 2017 17:35

Tgt Ion: 264 Resp: 314265

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.1	17.4	26.0

