

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\  
 Data File : BF093983.D  
 Acq On : 28 Mar 2017 10:14  
 Operator : SJ/MA  
 Sample : I2428-02  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 032417-PRRT-F-D-M

Quant Time: Mar 28 13:39:51 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 27 16:10:49 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	175686	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	688316	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	300327	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	483308	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	321786	20.00	ng	-0.02
86) Perylene-d12	16.29	264	288827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	403492	38.79	ng	-0.01
7) Phenol-d6	5.52	99	306365	23.81	ng	-0.03
23) Nitrobenzene-d5	6.59	82	1064933	88.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	204766	86.28	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1810181	91.93	ng	-0.01
78) Terphenyl-d14	13.39	244	894991	62.34	ng	-0.02

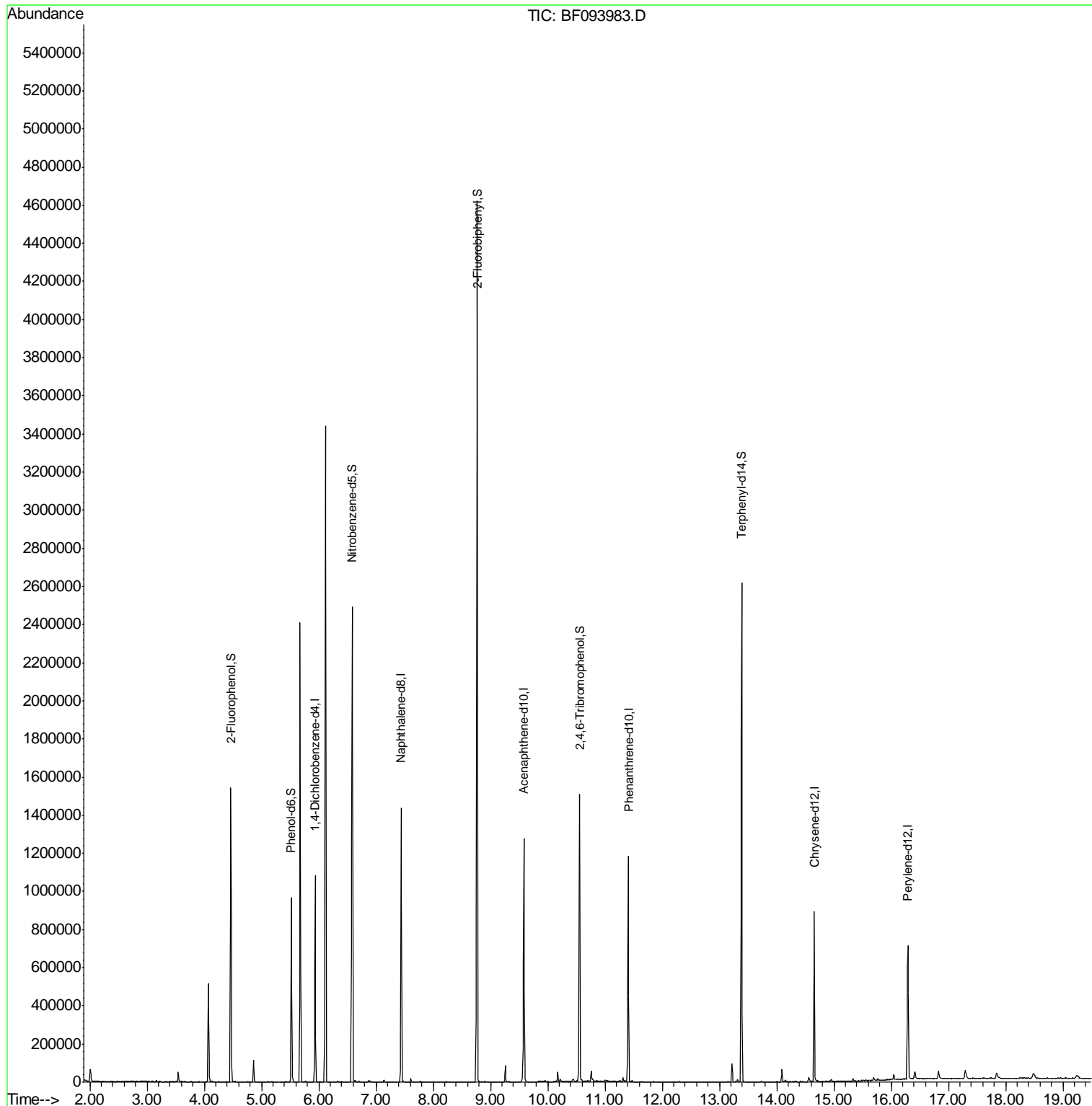
Target Compounds Qvalue

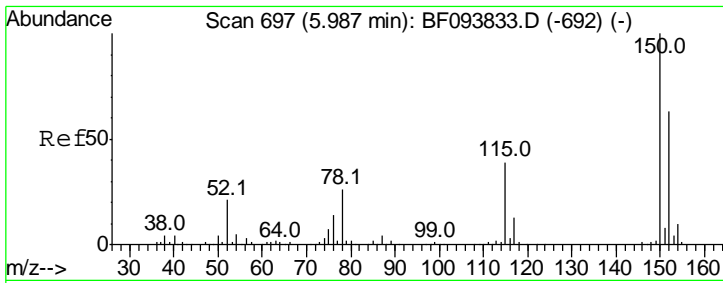
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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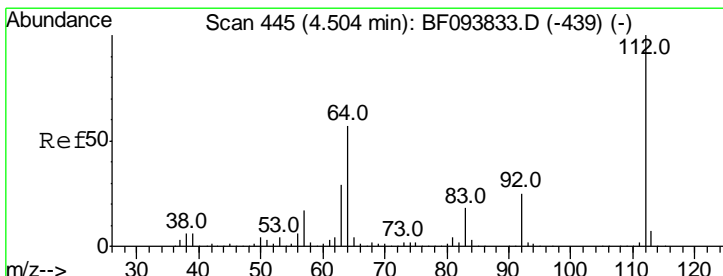
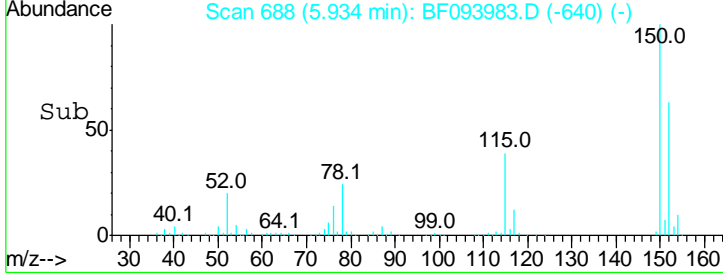
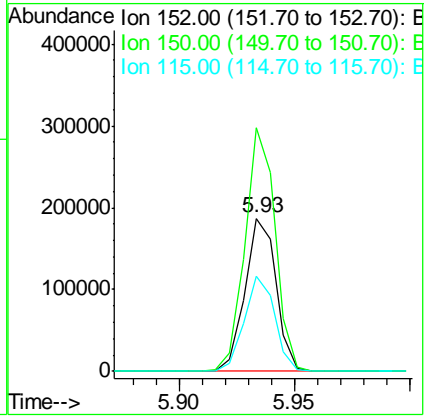
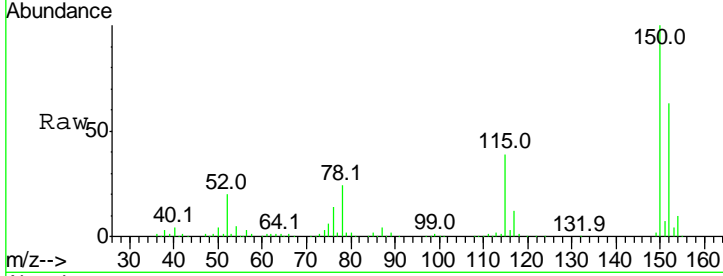




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 5.93 min Scan# 688  
 Delta R.T. -0.02 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

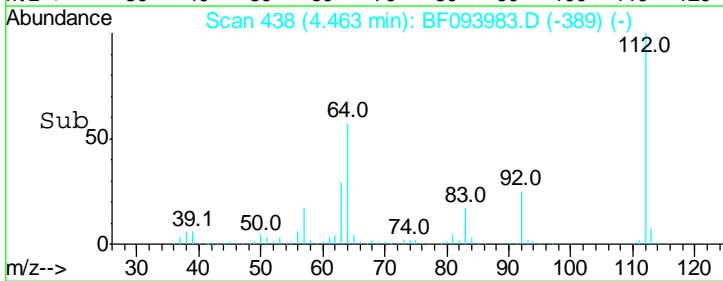
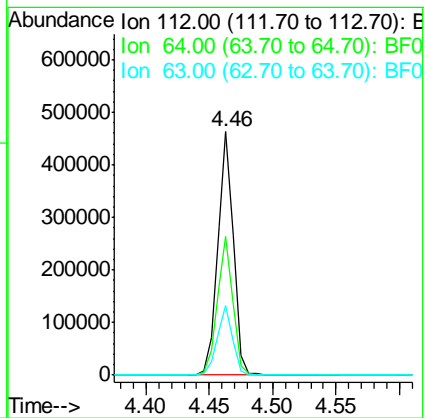
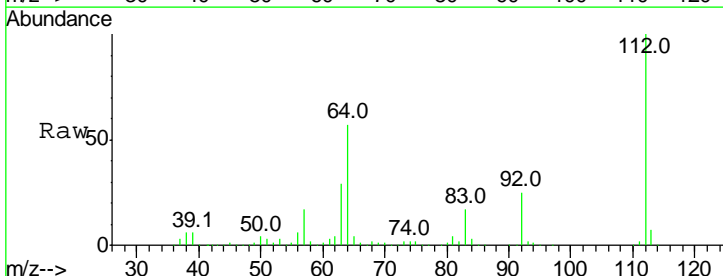
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 032417-PRRT-F-D-M

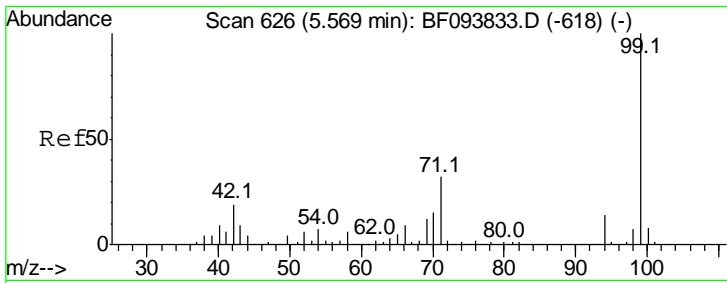
Tgt Ion	Resp	Lower	Upper
152	175686		
152	100		
150	159.0	126.2	189.2
115	61.7	52.2	78.2



#5  
 2-Fluorophenol  
 Concen: 38.79 ng  
 RT: 4.46 min Scan# 438  
 Delta R.T. -0.01 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

Tgt Ion	Resp	Lower	Upper
112	403492		
112	100		
64	57.2	46.0	69.0
63	28.5	23.4	35.0

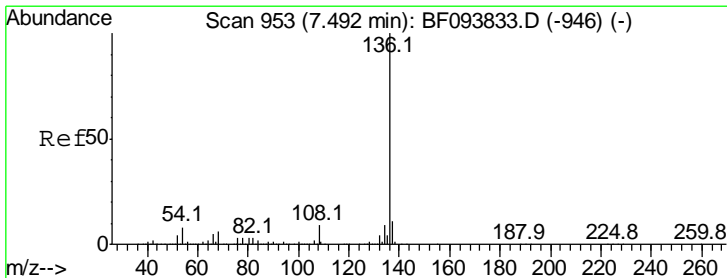
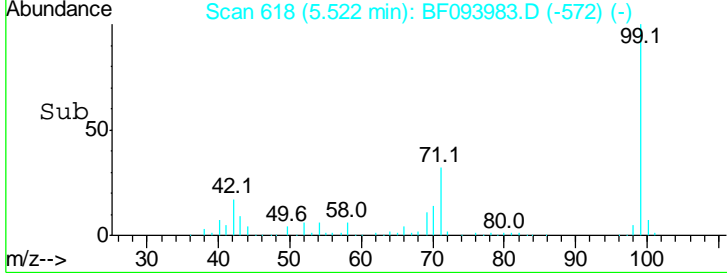
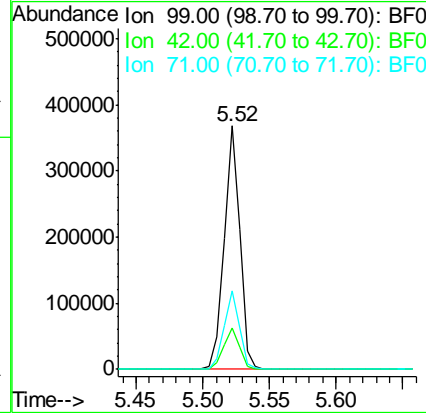
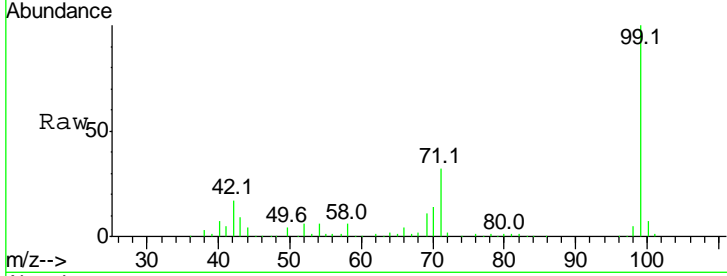




#7  
 Phenol-d6  
 Concen: 23.81 ng  
 RT: 5.52 min Scan# 618  
 Delta R.T. -0.03 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

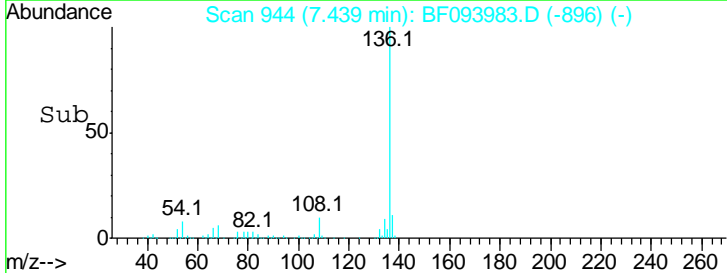
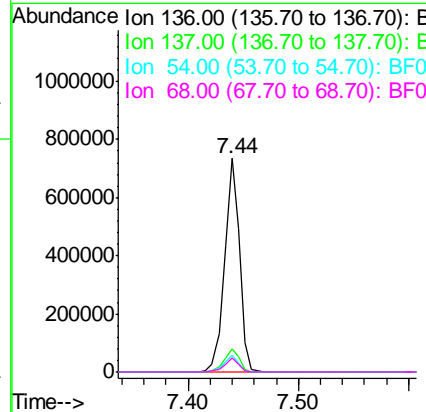
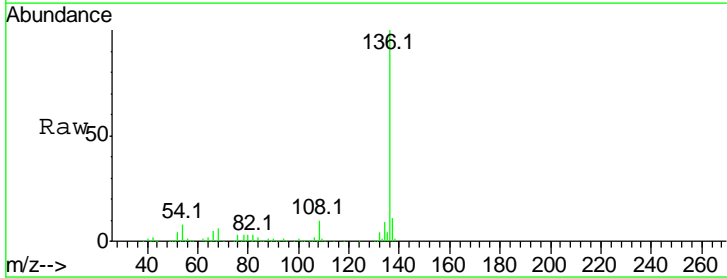
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 032417-PRRT-F-D-M

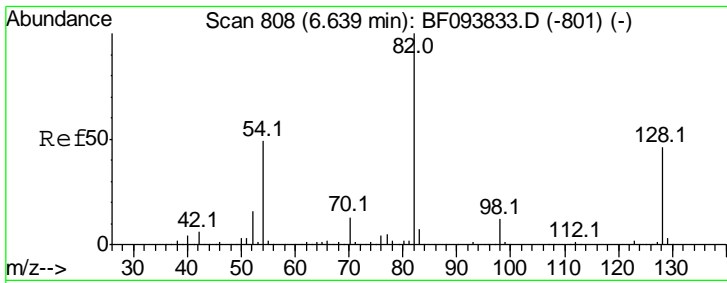
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	32.1	24.5	36.7



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 7.44 min Scan# 944  
 Delta R.T. -0.02 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.8	4.9	7.3#
68	6.3	4.1	6.1#

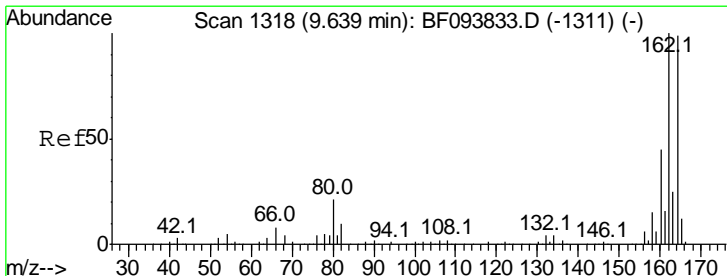
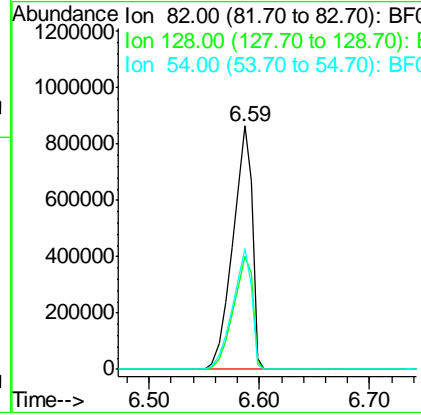
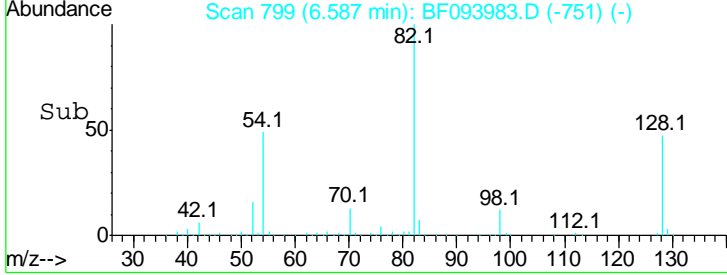
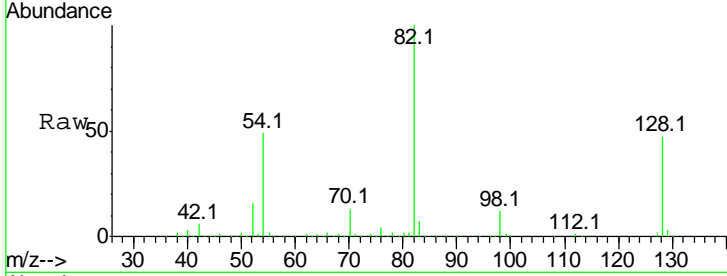




#23  
 Nitrobenzene-d5  
 Concen: 88.29 ng  
 RT: 6.59 min Scan# 799  
 Delta R.T. -0.02 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

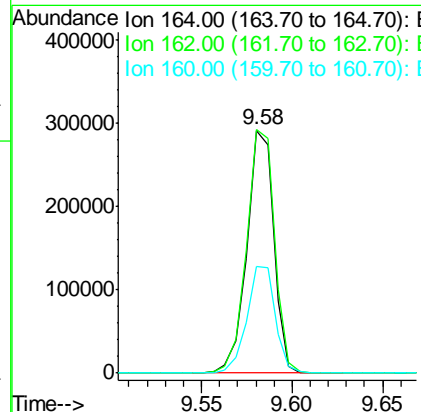
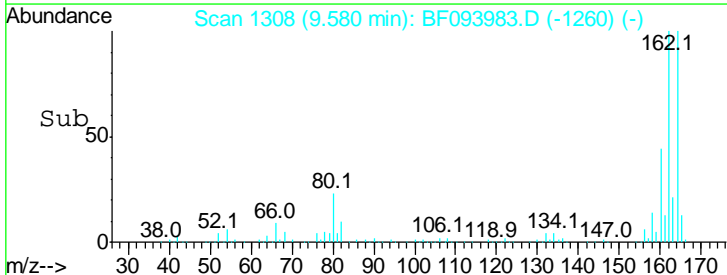
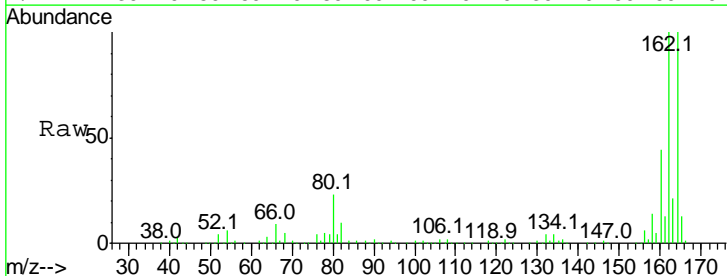
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 032417-PRRT-F-D-M

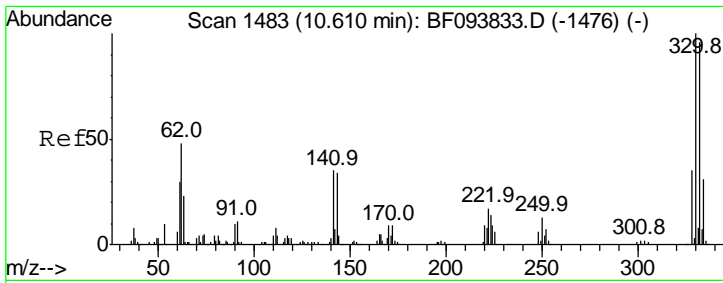
Tgt Ion	Resp	Lower	Upper
82	1064933		
82	100		
128	46.6	34.0	51.0
54	49.4	42.2	63.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.58 min Scan# 1308  
 Delta R.T. -0.02 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

Tgt Ion	Resp	Lower	Upper
164	300327		
164	100		
162	100.3	82.6	123.8
160	43.8	36.2	54.2

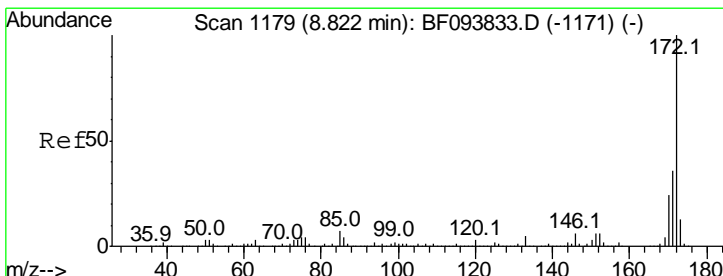
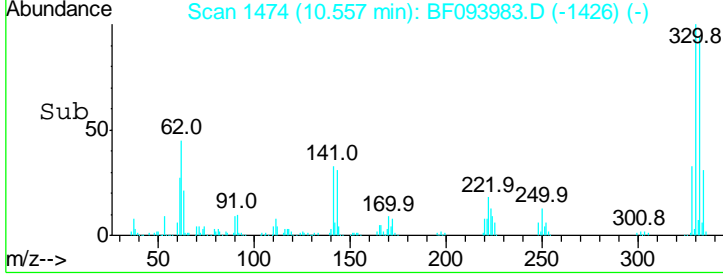
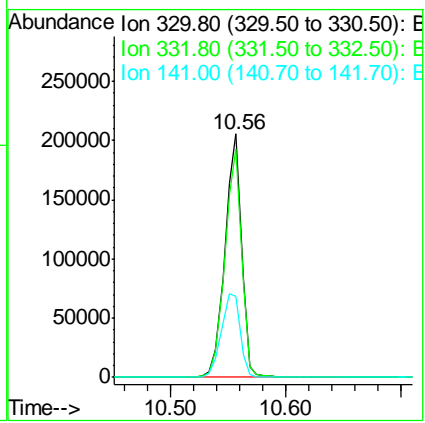
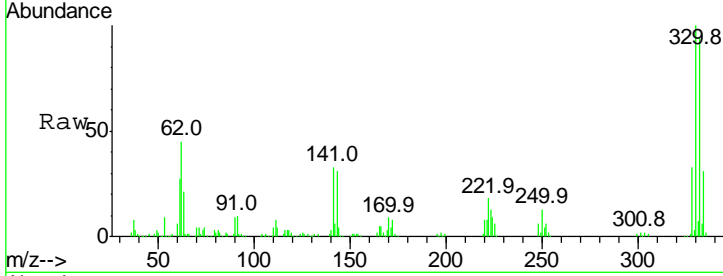




#41  
 2,4,6-Tribromophenol  
 Concen: 86.28 ng  
 RT: 10.56 min Scan# 1474  
 Delta R.T. -0.02 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

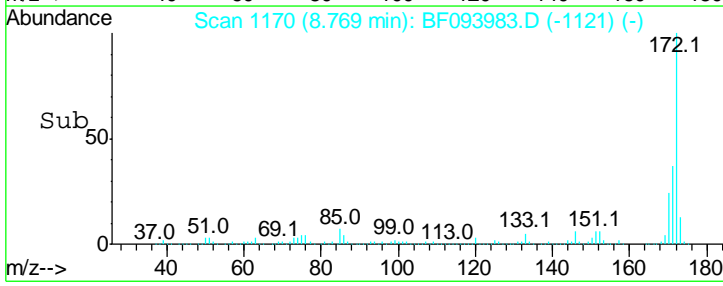
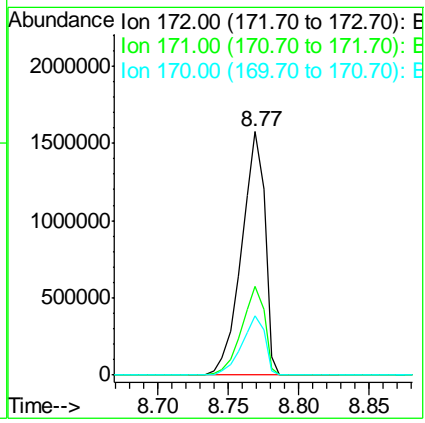
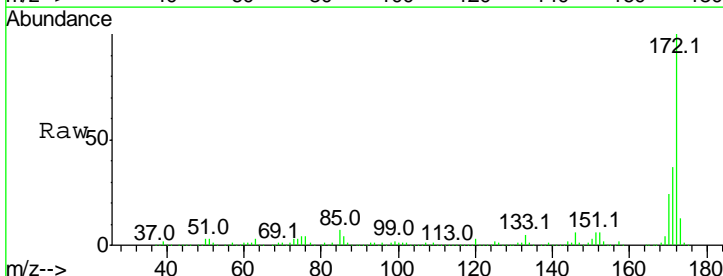
Instrument :  
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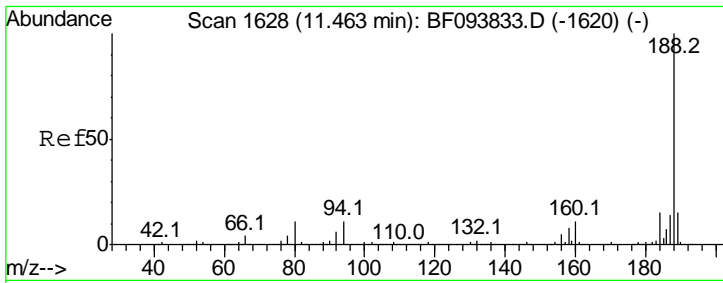
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	39.3	31.4	47.2



#44  
 2-Fluorobiphenyl  
 Concen: 91.93 ng  
 RT: 8.77 min Scan# 1170  
 Delta R.T. -0.01 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.3	19.8	29.8

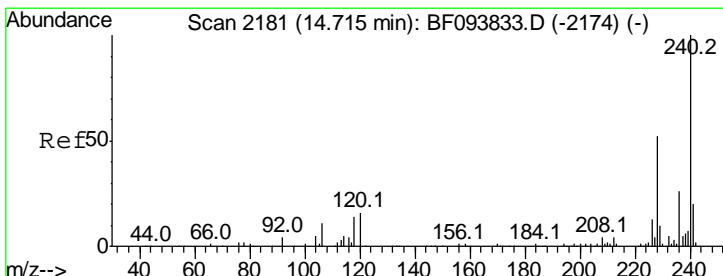
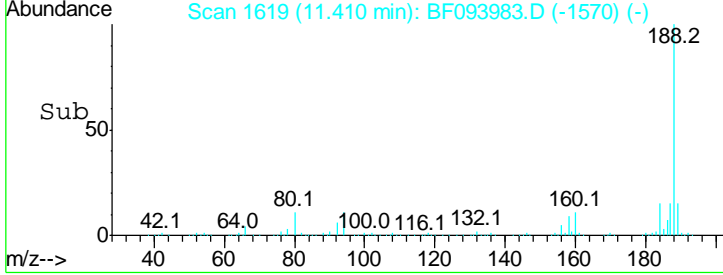
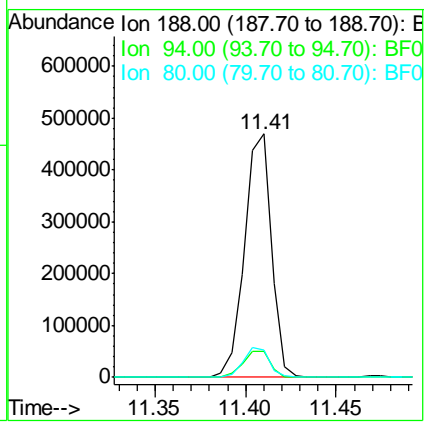
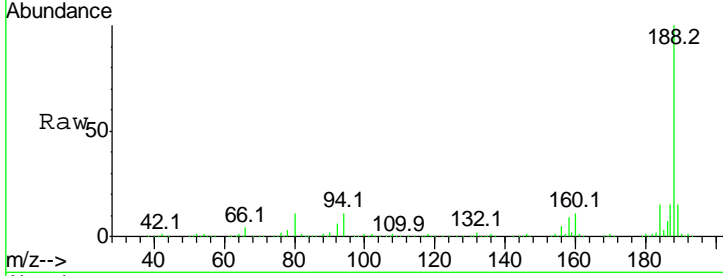




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.41 min Scan# 1619  
 Delta R.T. -0.01 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

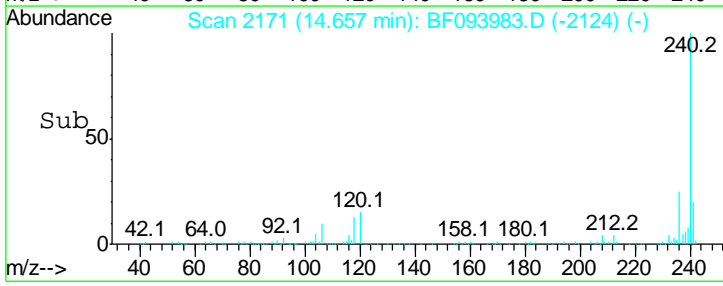
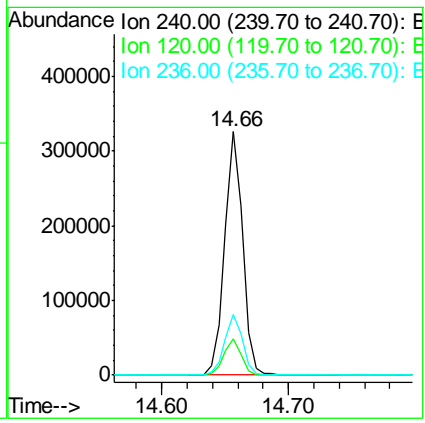
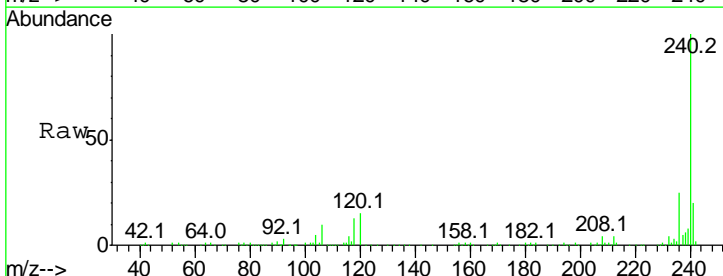
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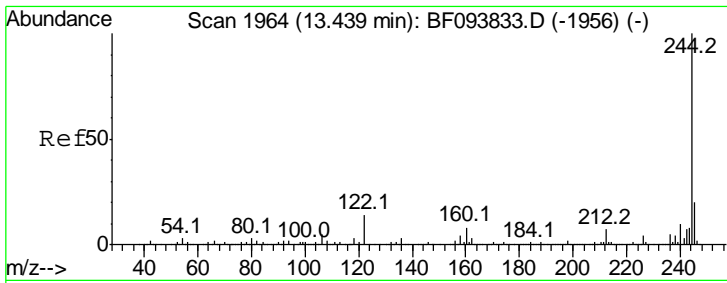
Tgt Ion	Resp	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.2	10.2	15.2



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.66 min Scan# 2171  
 Delta R.T. -0.02 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

Tgt Ion	Resp	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.0	20.5	30.7

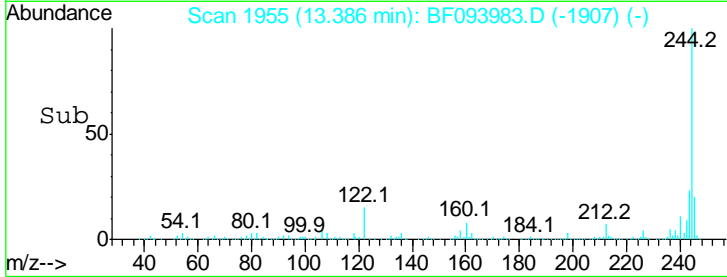
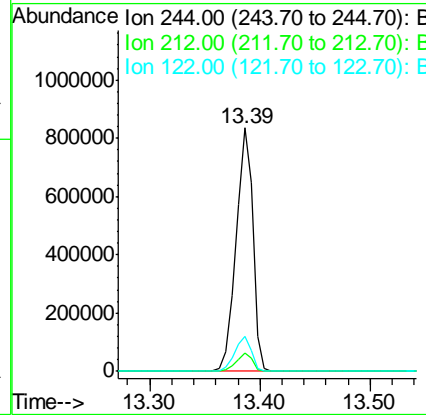
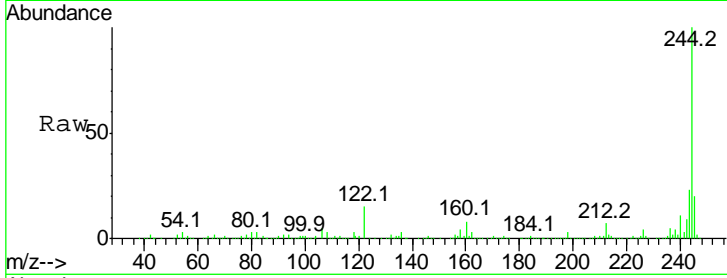




#78  
 Terphenyl-d14  
 Concen: 62.34 ng  
 RT: 13.39 min Scan# 1955  
 Delta R.T. -0.02 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 032417-PRRT-F-D-M

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.6	10.3	15.5



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.29 min Scan# 2449  
 Delta R.T. -0.02 min  
 Lab File: BF093983.D  
 Acq: 28 Mar 2017 10:14

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	17.2	25.8

