

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\  
 Data File : BF095339.D  
 Acq On : 23 May 2017 6:41  
 Operator : SJ/MA  
 Sample : I3249-22  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-14COMP

Quant Time: May 23 08:05:59 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 18 17:07:53 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	82096	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	357216	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	156831	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	200513	20.00	ng	0.00
75) Chrysene-d12	18.69	240	167667	20.00	ng	0.00
86) Perylene-d12	20.37	264	142290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	640728	130.12	ng	0.00
7) Phenol-d6	7.31	99	653668	110.64	ng	0.00
23) Nitrobenzene-d5	8.66	82	512252	90.43	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	153301	119.36	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1055366	96.86	ng	-0.01
78) Terphenyl-d14	17.33	244	655228	86.07	ng	-0.02

Target Compounds Qvalue

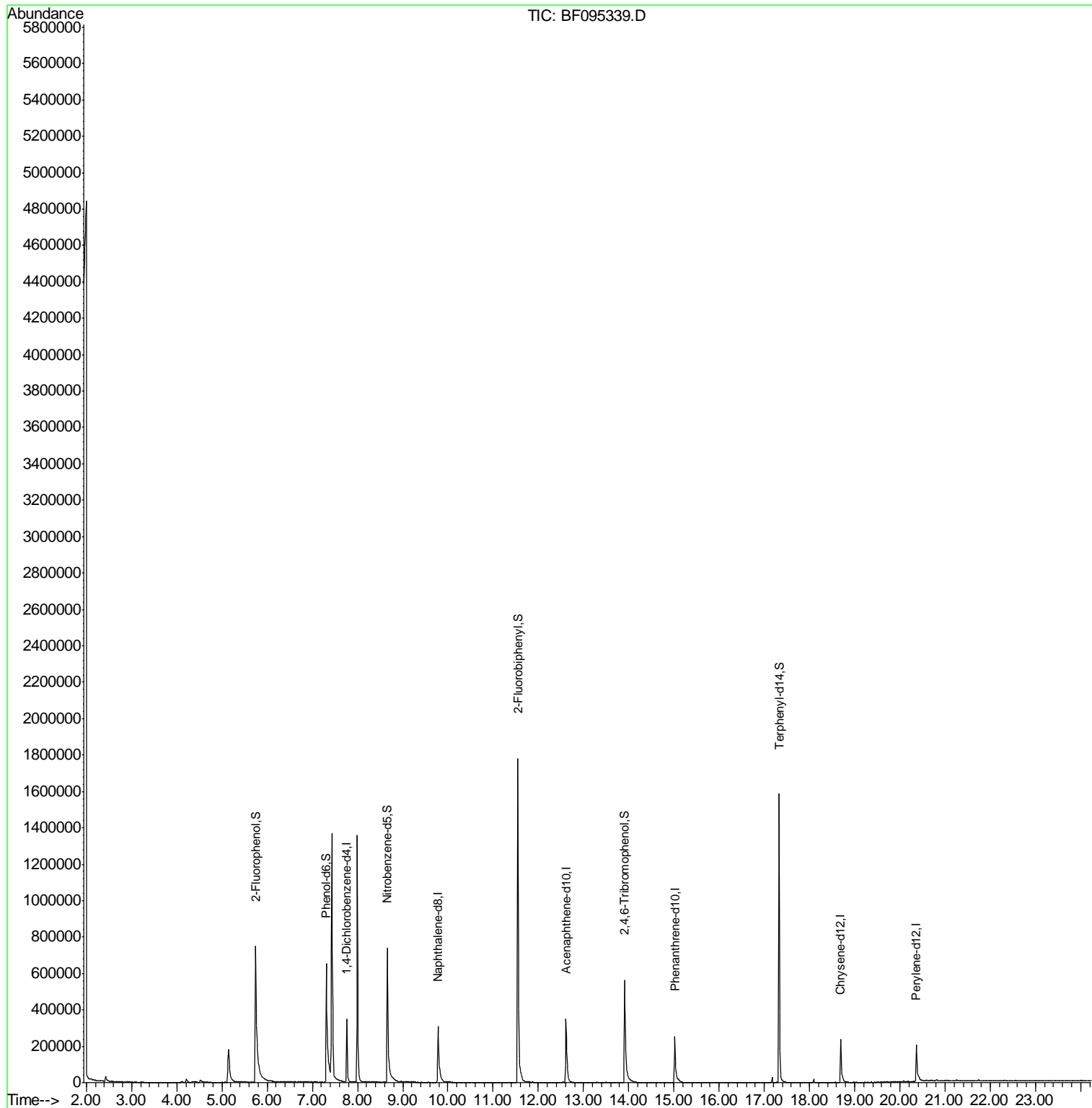
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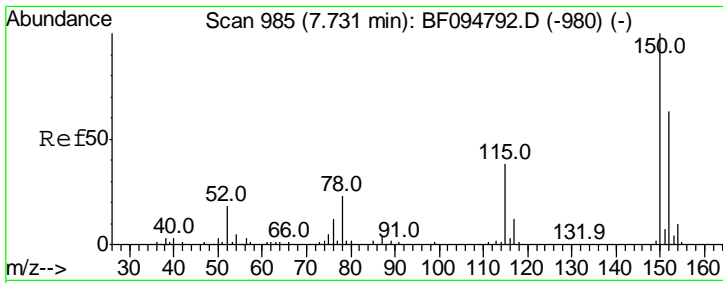
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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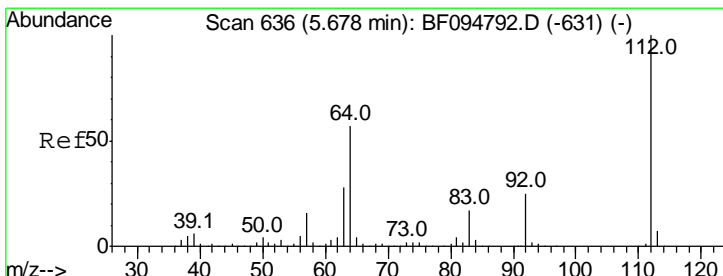
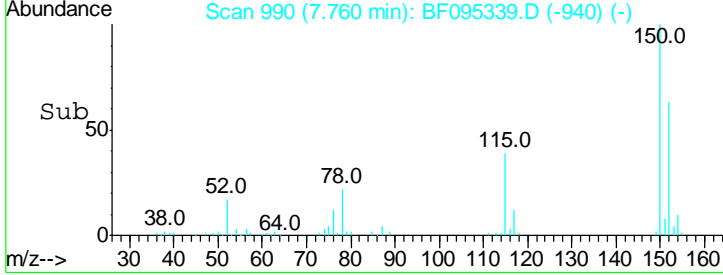
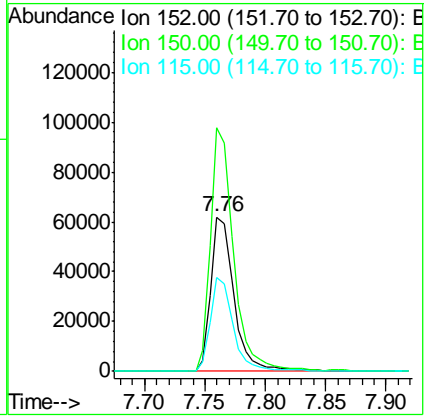
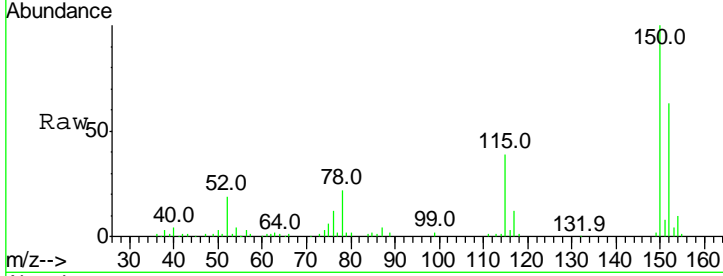


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.76 min Scan# 990  
 Delta R.T. -0.01 min  
 Lab File: BF095339.D  
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**ClientSampled :**  
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Tgt Ion:152 Resp: 82096

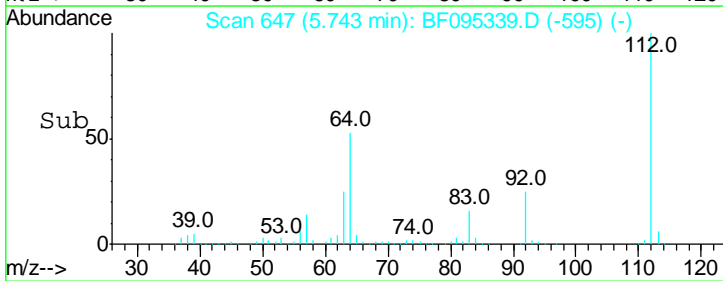
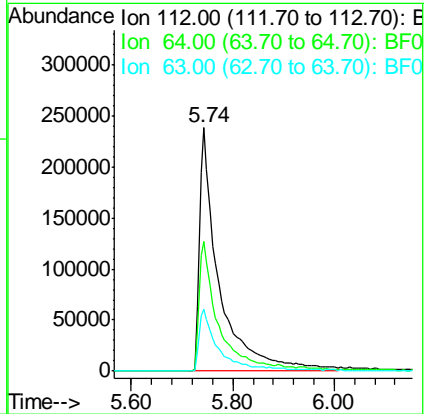
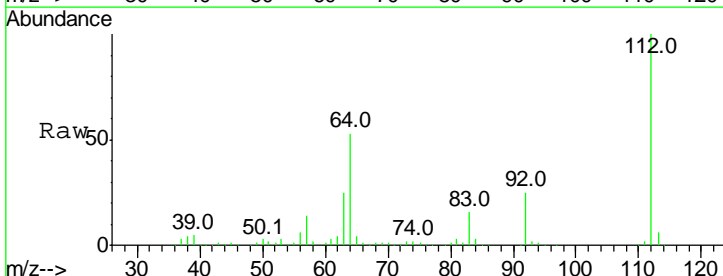
Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	60.7	52.2	78.2

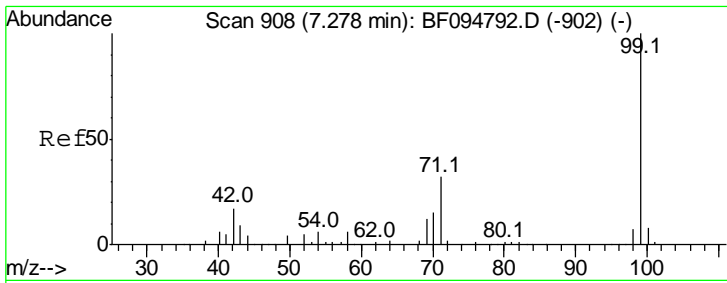


#5  
 2-Fluorophenol  
 Concen: 130.12 ng  
 RT: 5.74 min Scan# 647  
 Delta R.T. 0.01 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

Tgt Ion:112 Resp: 640728

Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	25.4	23.4	35.0

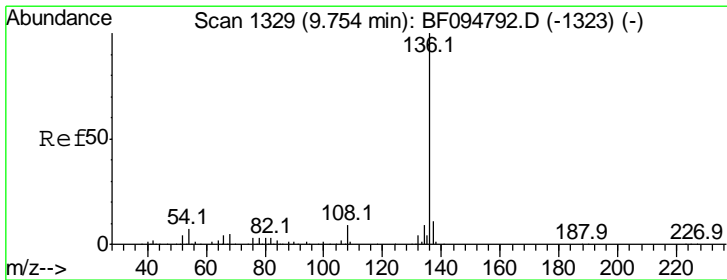
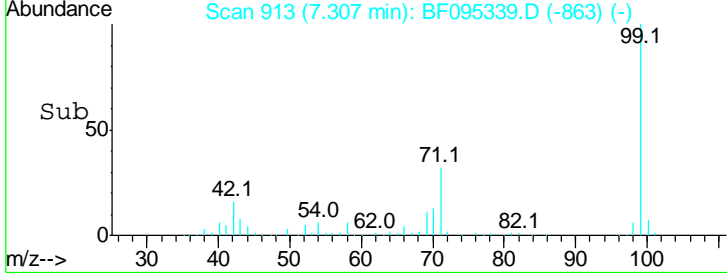
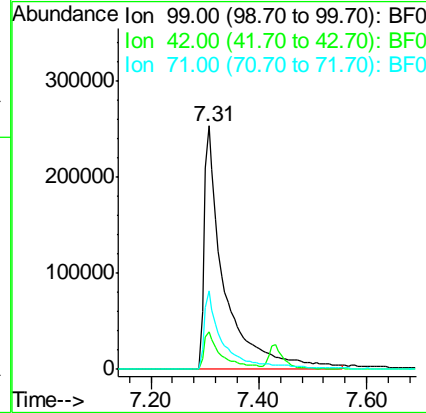
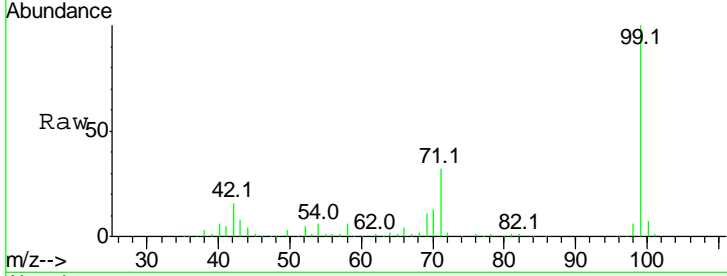




#7  
 Phenol-d6  
 Concen: 110.64 ng  
 RT: 7.31 min Scan# 913  
 Delta R.T. -0.01 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

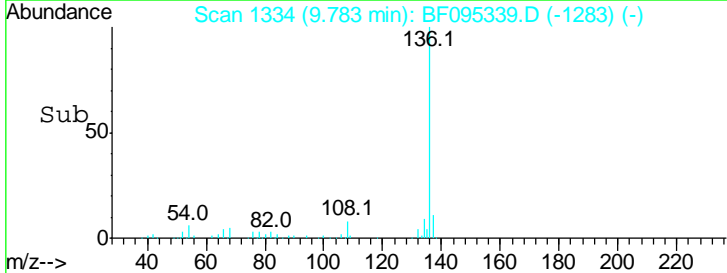
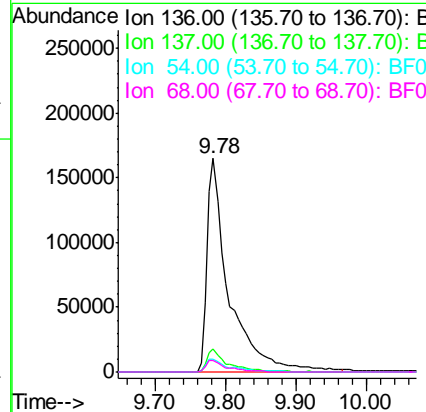
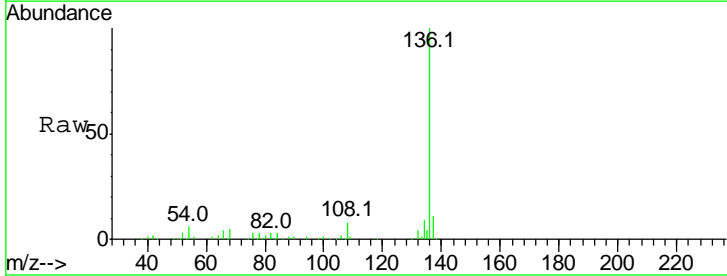
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 BNA\_F  
 ClientSampled :  
 SB-14COMP

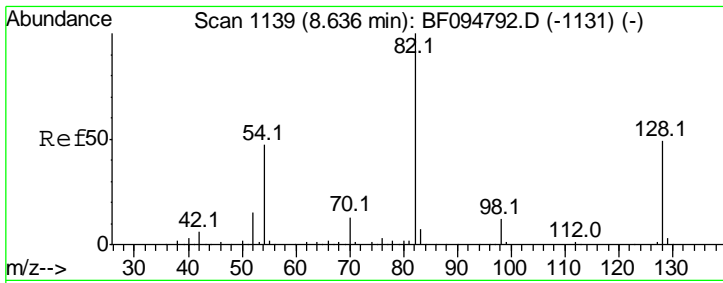
Tgt Ion	Resp	Lower	Upper
99	653668		
99	100		
42	15.6	13.5	20.3
71	32.1	24.5	36.7



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 9.78 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: BF095339.D  
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Tgt Ion	Resp	Lower	Upper
136	357216		
136	100		
137	10.6	8.5	12.7
54	6.3	4.9	7.3
68	5.4	4.1	6.1

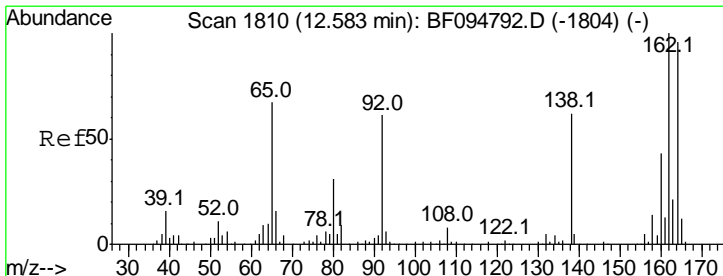
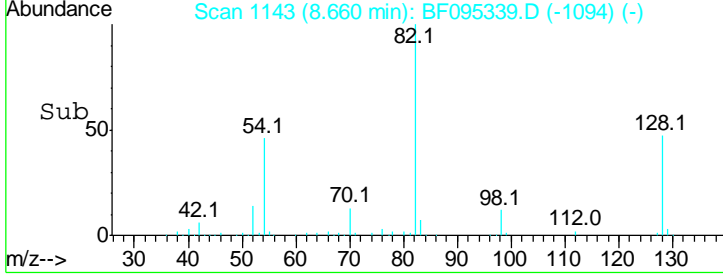
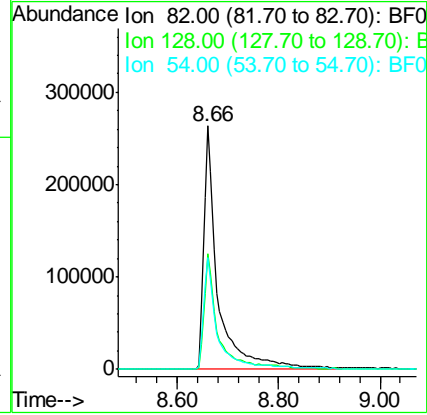
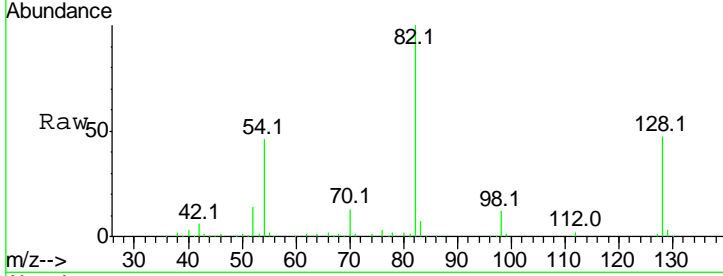




#23  
 Nitrobenzene-d5  
 Concen: 90.43 ng  
 RT: 8.66 min Scan# 1143  
 Delta R.T. -0.01 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

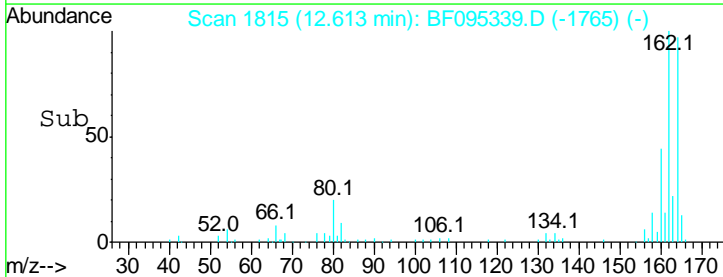
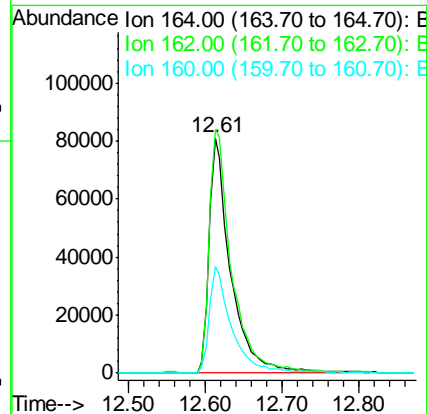
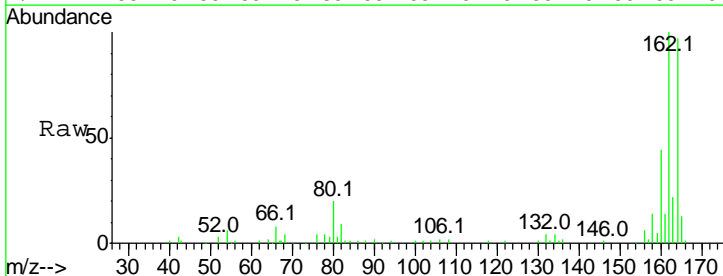
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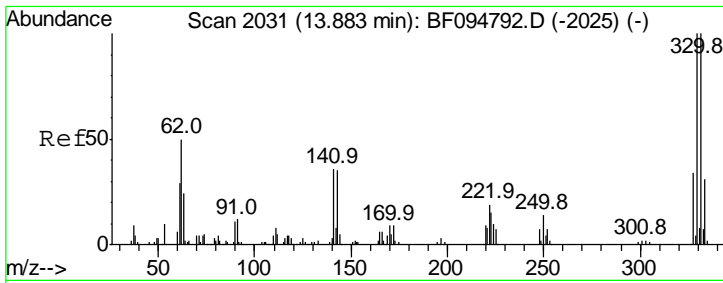
Tgt Ion	Resp	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	45.8	42.2	63.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.61 min Scan# 1815  
 Delta R.T. -0.01 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.6	36.2	54.2

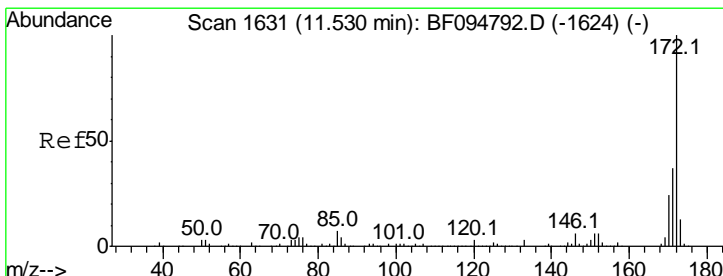
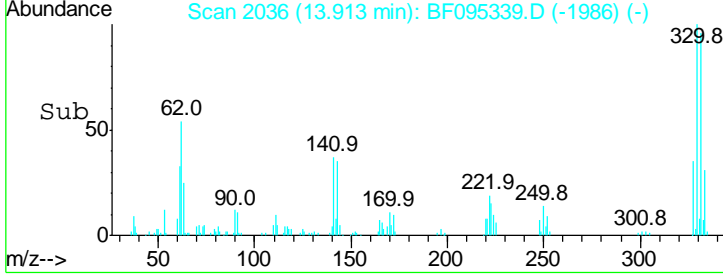
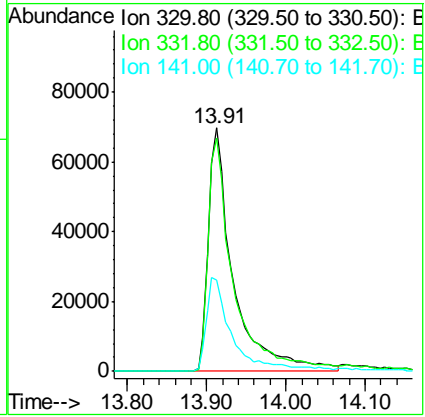
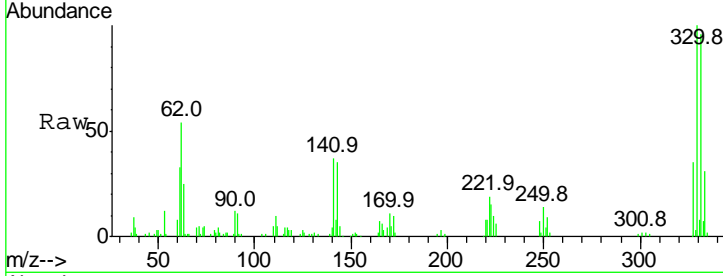




#41  
 2,4,6-Tribromophenol  
 Concen: 119.36 ng  
 RT: 13.91 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

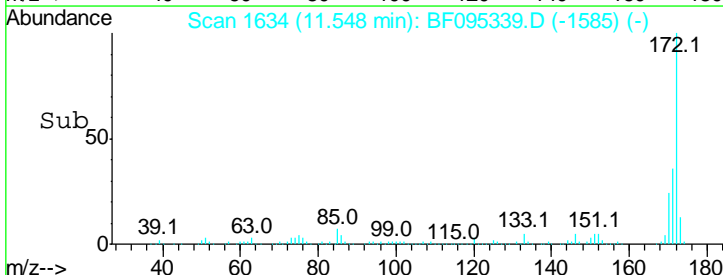
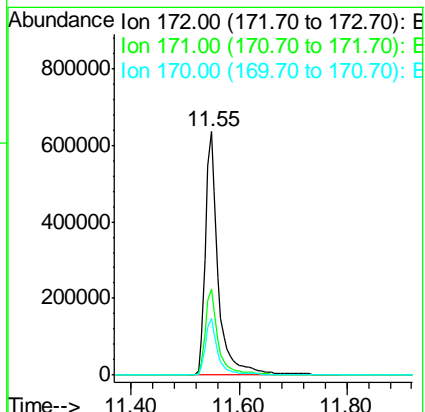
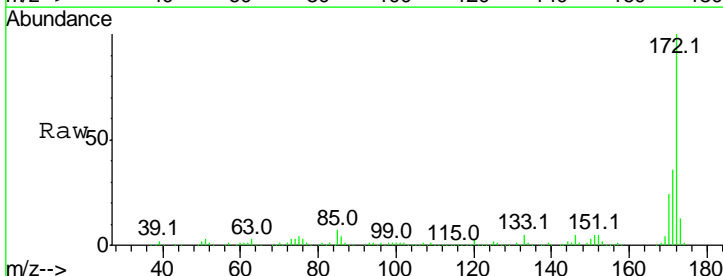
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**ClientSampleId :**  
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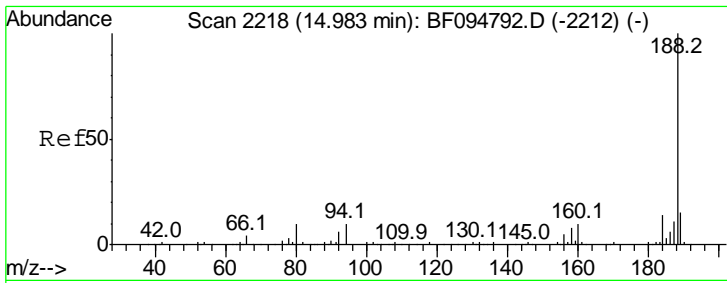
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.2	31.4	47.2



#44  
 2-Fluorobiphenyl  
 Concen: 96.86 ng  
 RT: 11.55 min Scan# 1634  
 Delta R.T. -0.01 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8

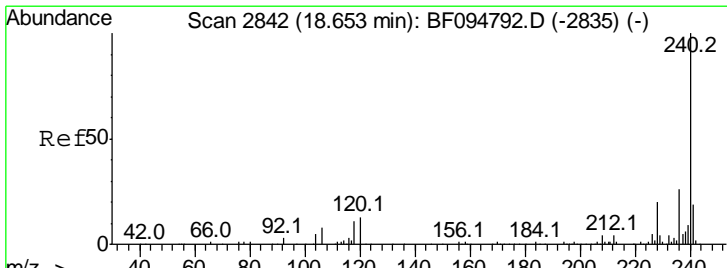
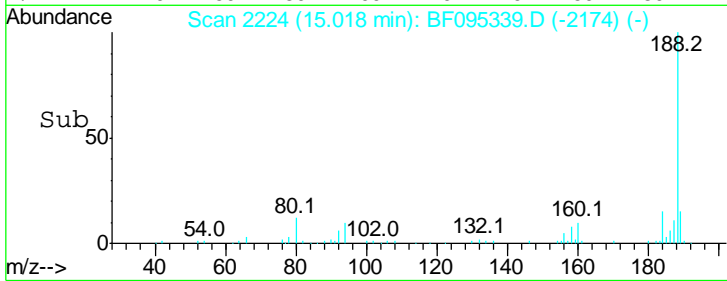
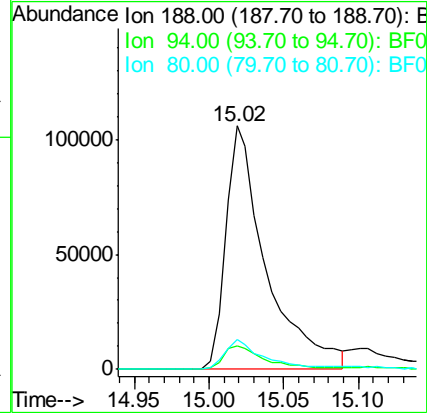
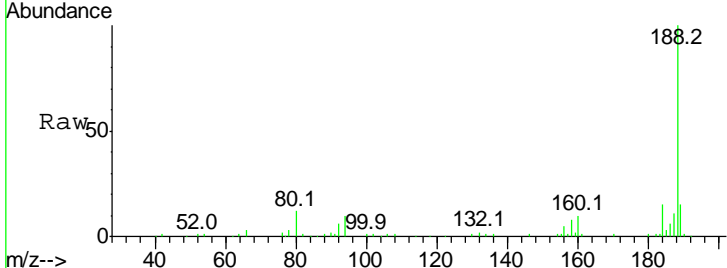




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 15.02 min Scan# 2224  
 Delta R.T. -0.01 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

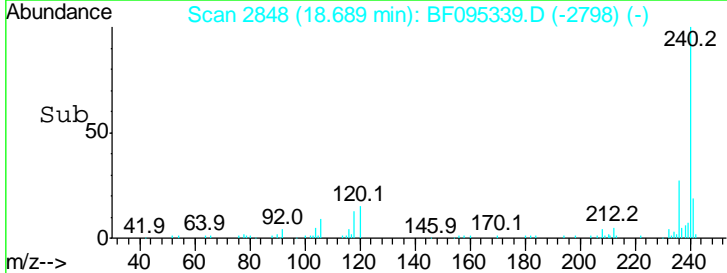
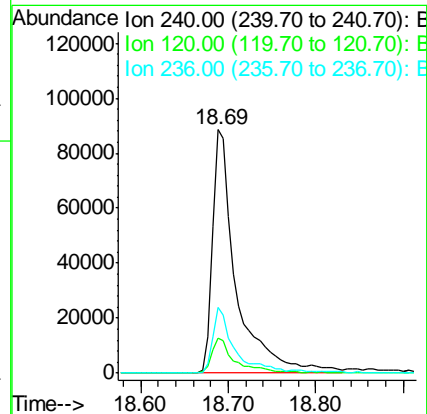
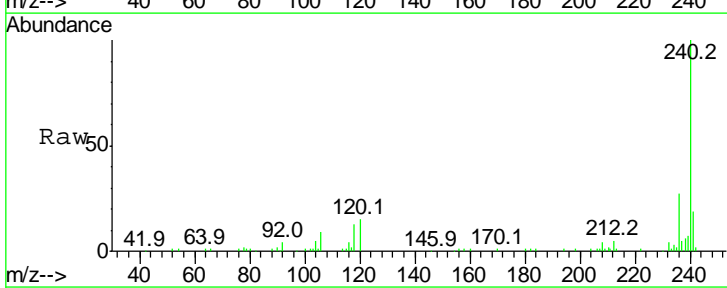
Instrument :  
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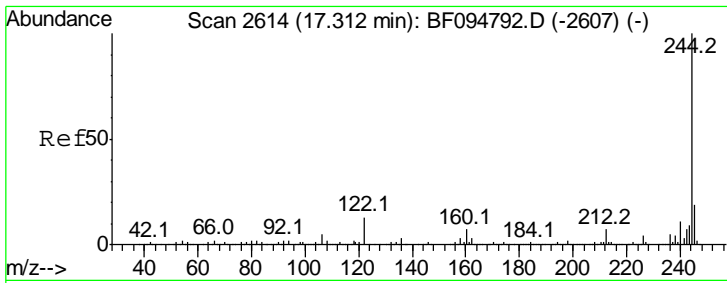
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	12.2	10.2	15.2



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.69 min Scan# 2848  
 Delta R.T. -0.01 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

Tgt Ion	Resp	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	26.9	20.5	30.7

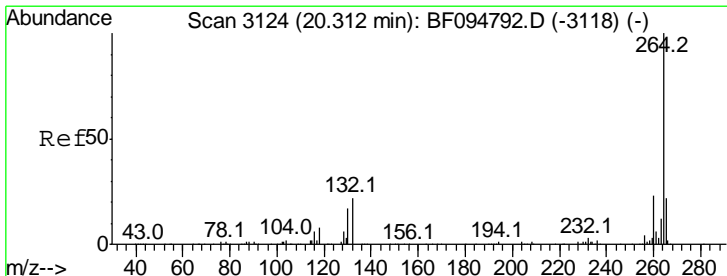
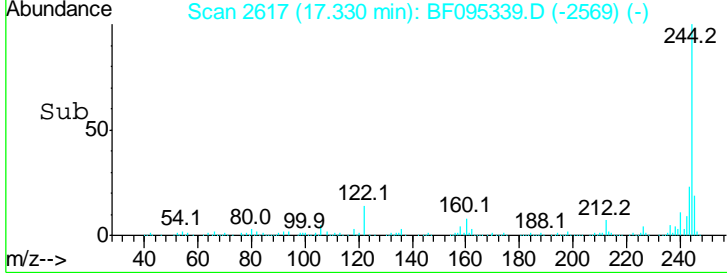
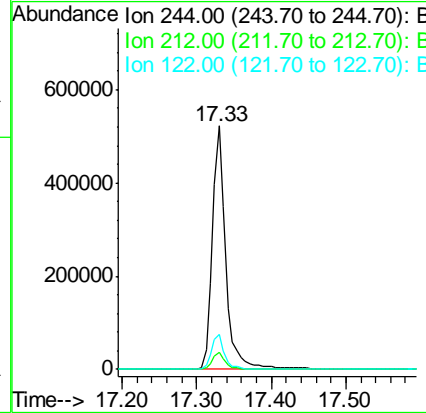
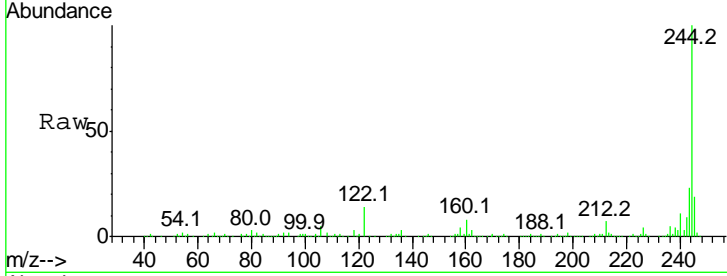




#78  
 Terphenyl-d14  
 Concen: 86.07 ng  
 RT: 17.33 min Scan# 2617  
 Delta R.T. -0.02 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-14COMP

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.2	10.3	15.5



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.37 min Scan# 3133  
 Delta R.T. 0.00 min  
 Lab File: BF095339.D  
 Acq: 23 May 2017 6:41

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.0	17.2	25.8

