

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086628.D
 Acq On : 2 May 2016 20:20
 Operator : UM/SJ
 Sample : H2716-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Quant Time: May 03 01:49:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

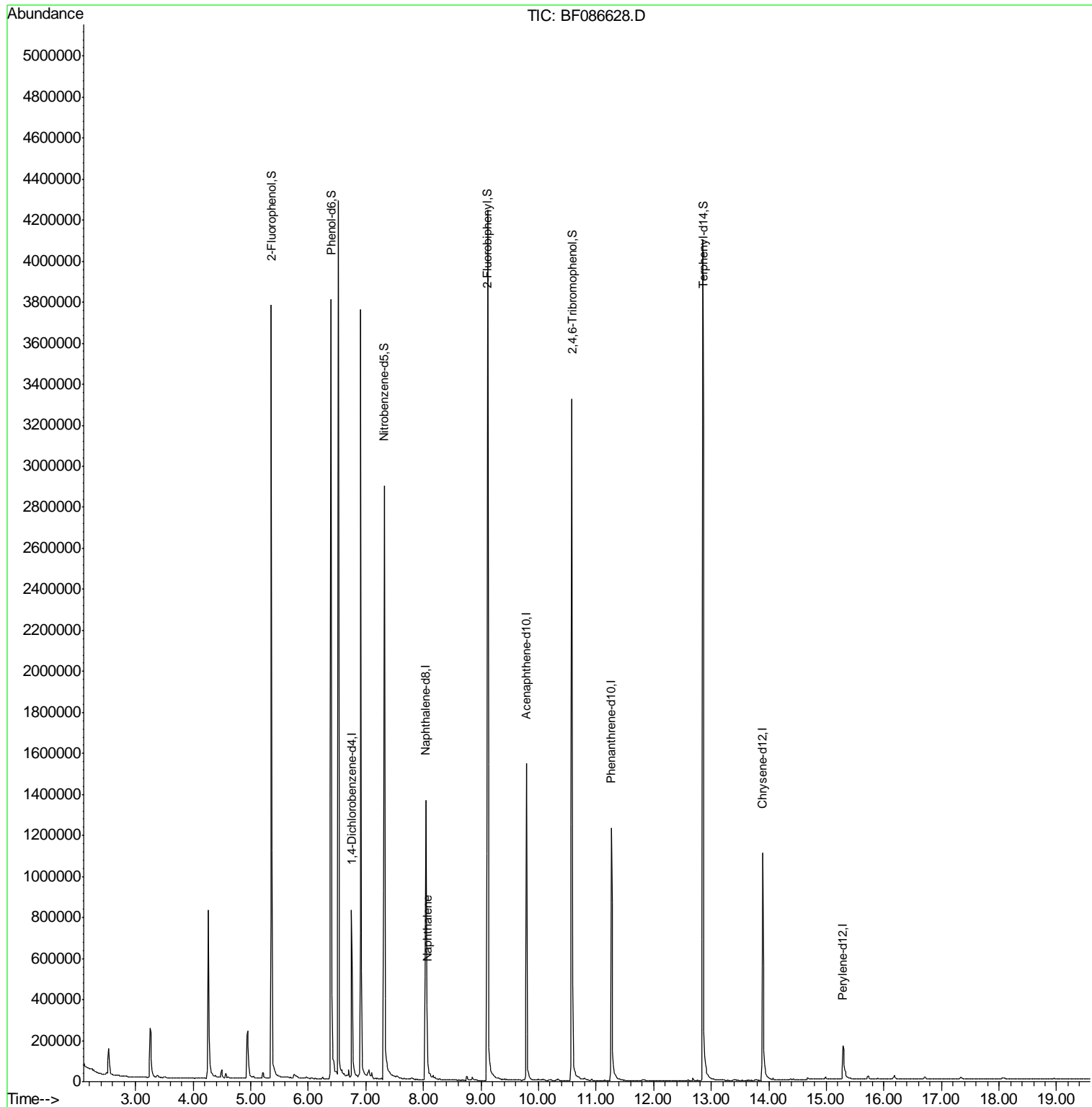
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167023	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	727331	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	312521	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	677267	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	496117	20.00	ng	-0.07
86) Perylene-d12	15.29	264	31223	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1048776	108.31	ng	-0.03
7) Phenol-d6	6.40	99	1303335	96.44	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1050372	77.84	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	418484	126.98	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1655496	95.04	ng	-0.06
78) Terphenyl-d14	12.85	244	1908524	84.75	ng	-0.06
Target Compounds						Qvalue
31) Naphthalene	8.06	128	209305	5.66	ng	99

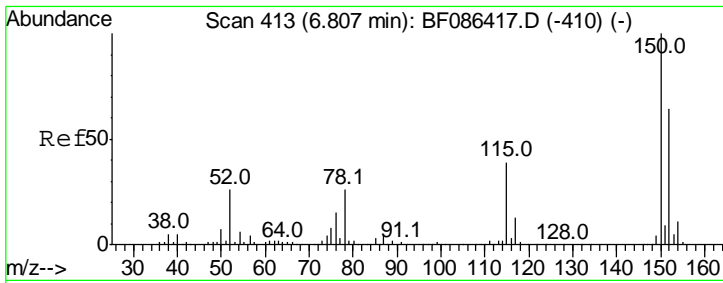
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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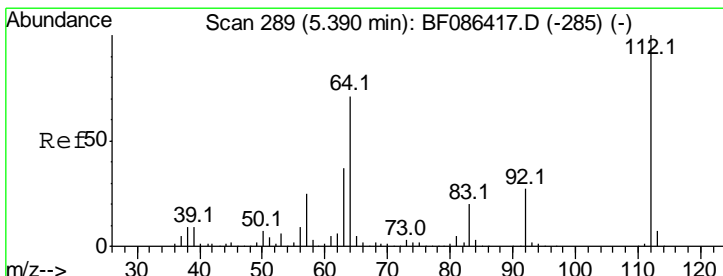
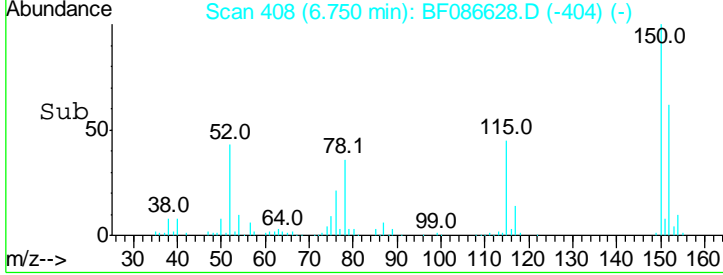
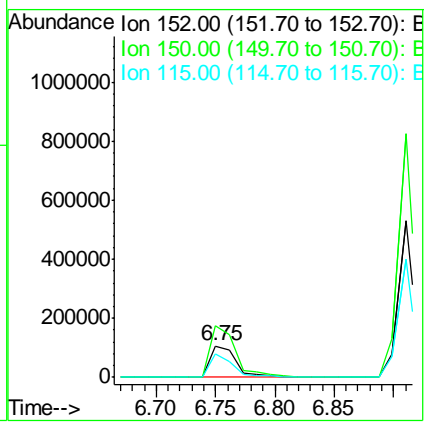
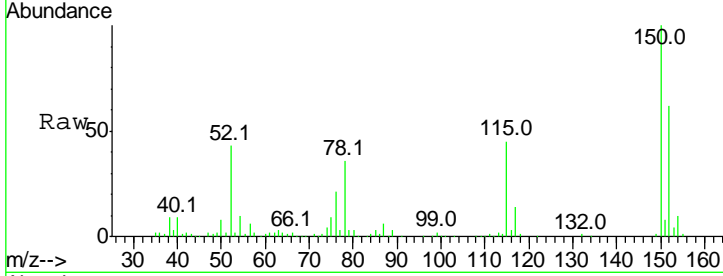


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Instrument :
 BNA_F
ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Tot Ion:152 Resp: 167023

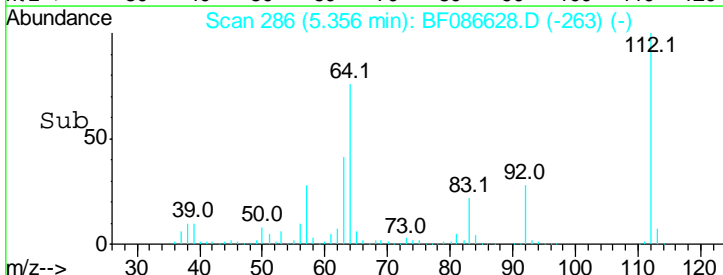
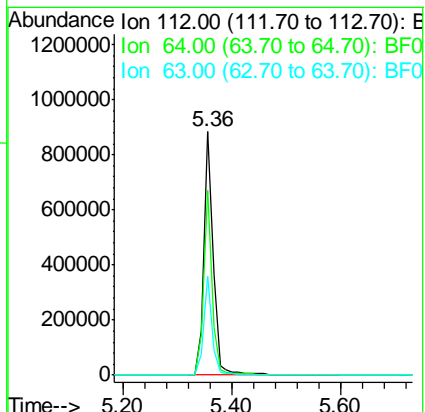
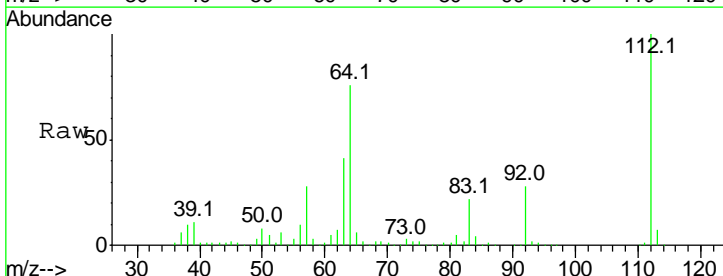
Ion	Ratio	Lower	Upper
152	100		
150	162.4	125.8	188.6
115	73.6	51.5	77.3

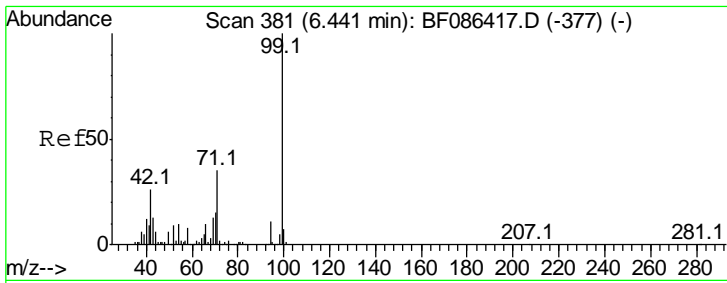


#5
 2-Fluorophenol
 Concen: 108.31 ng
 RT: 5.36 min Scan# 286
 Delta R.T. -0.03 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion:112 Resp: 1048776

Ion	Ratio	Lower	Upper
112	100		
64	75.6	52.1	78.1
63	40.6	25.7	38.5#

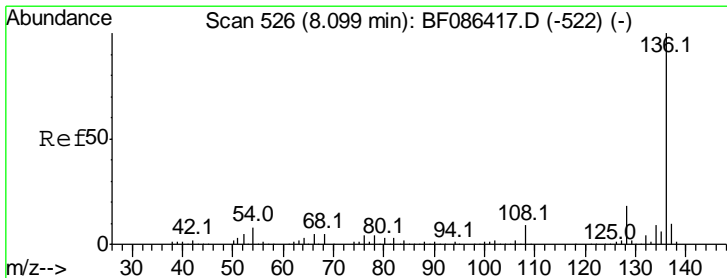
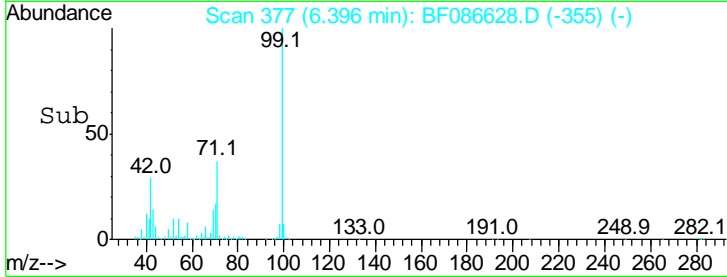
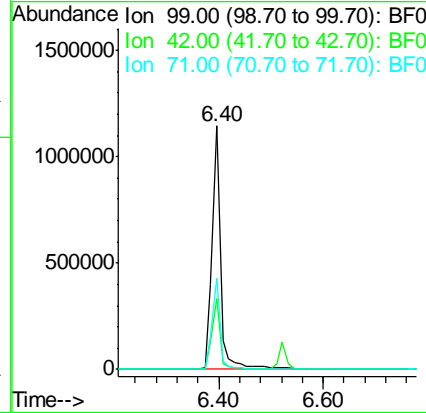
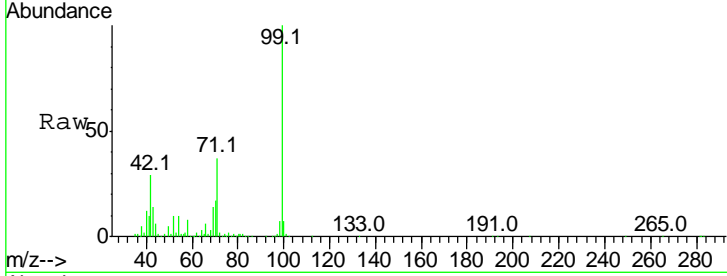




#7
 Phenol-d6
 Concen: 96.44 ng
 RT: 6.40 min Scan# 377
 Delta R.T. -0.05 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

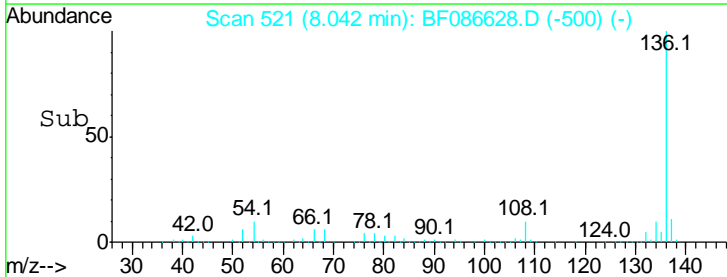
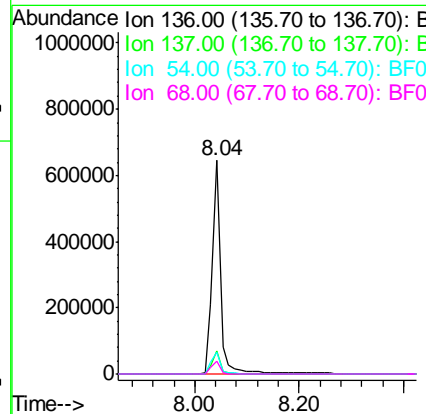
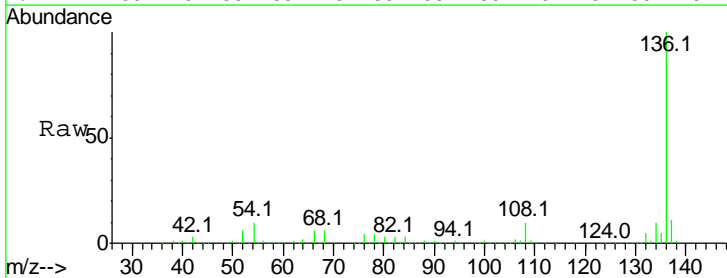
Instrument :
 BNA_F
ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

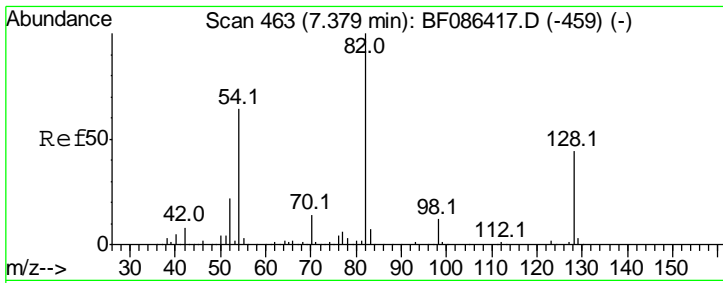
Tgt Ion	Resp	Lower	Upper
99	100		
42	29.0	13.6	20.4#
71	37.4	24.6	36.8#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.4	5.0	7.4#
68	6.1	4.4	6.6



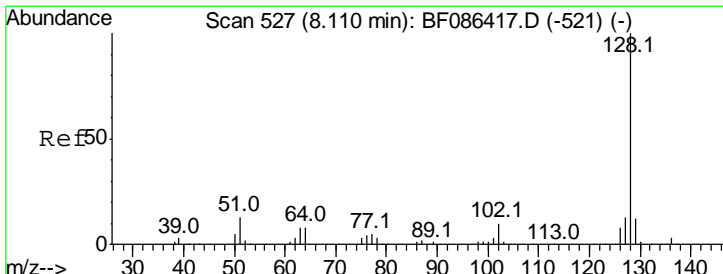
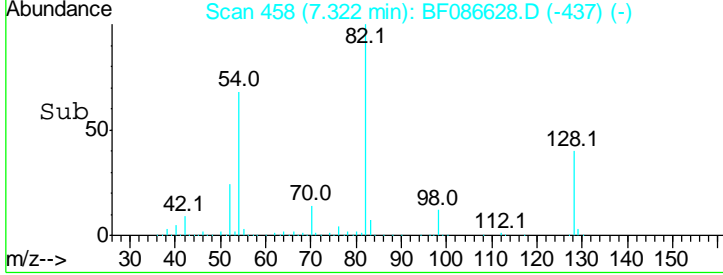
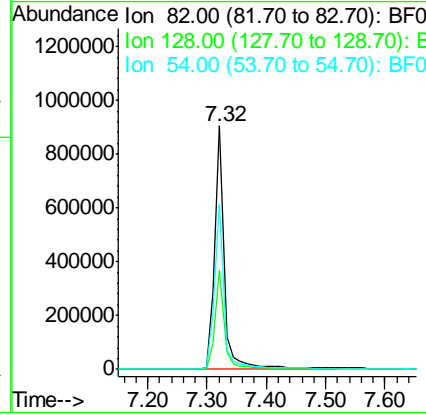
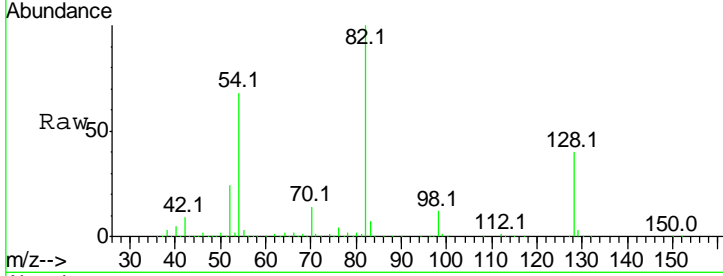


#23
 Nitrobenzene-d5
 Concen: 77.84 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Tgt Ion: 82 Resp: 1050372

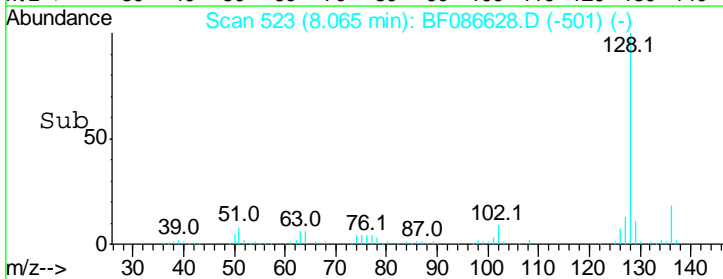
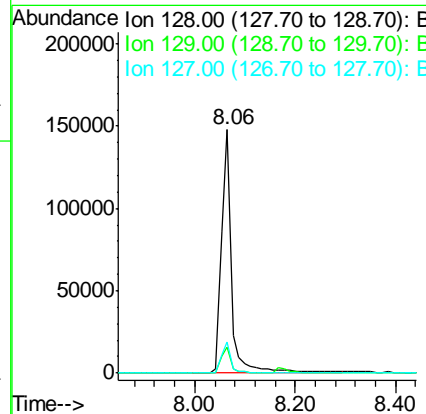
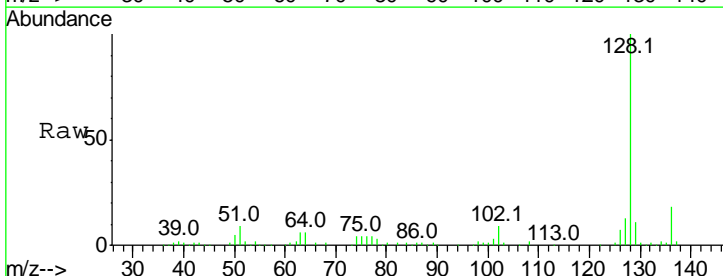
Ion	Ratio	Lower	Upper
82	100		
128	40.4	40.6	61.0#
54	67.9	38.1	57.1#

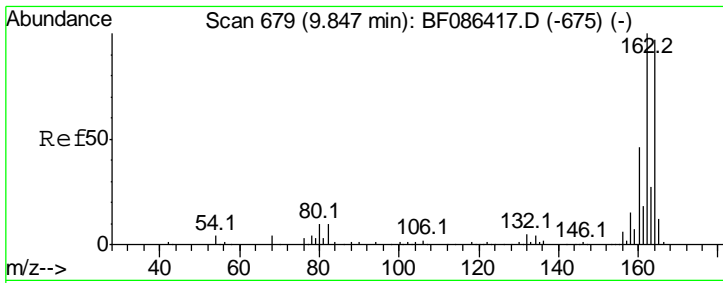


#31
 Naphthalene
 Concen: 5.66 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion: 128 Resp: 209305

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.5	10.8	16.2

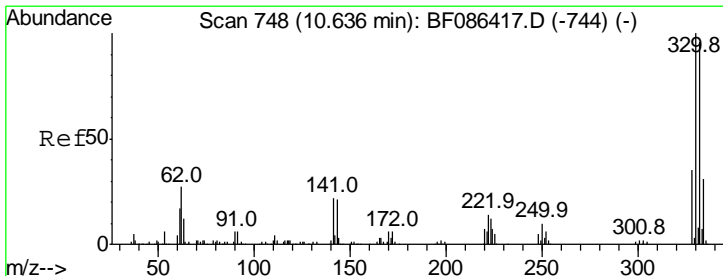
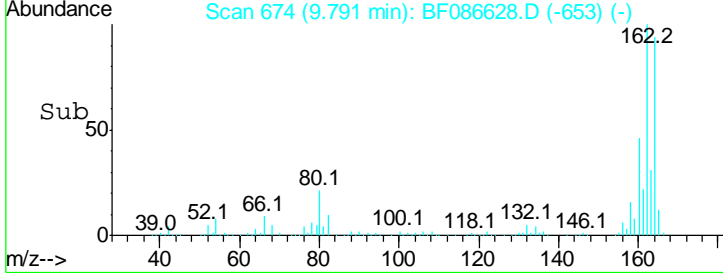
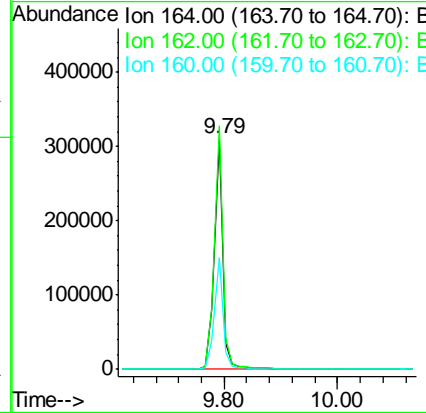
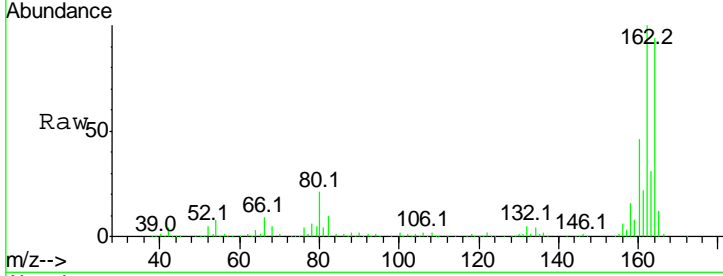




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

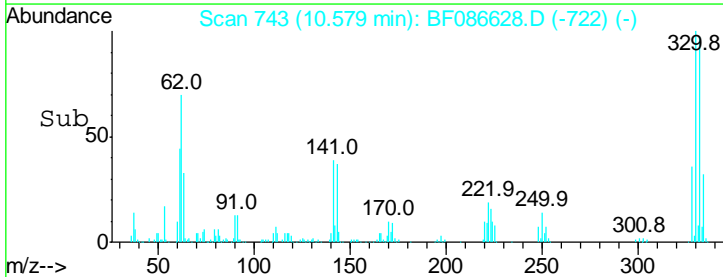
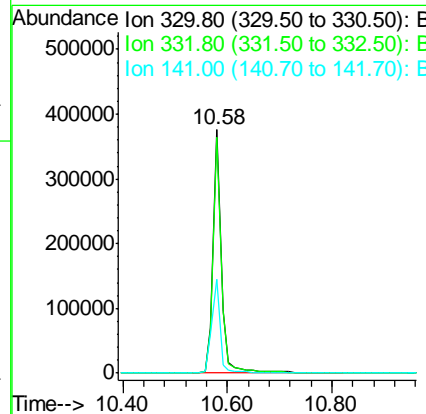
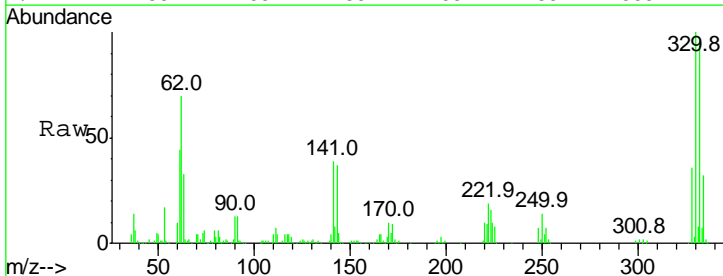
Instrument :
 BNA_F
ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

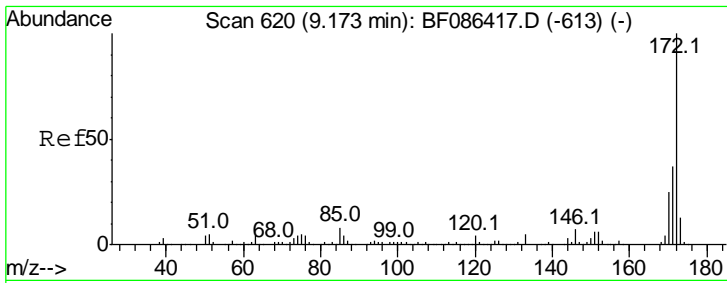
Tgt Ion	Resp	Lower	Upper
164	100		
162	105.9	82.8	124.2
160	48.8	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 126.98 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	40.1	31.2	46.8



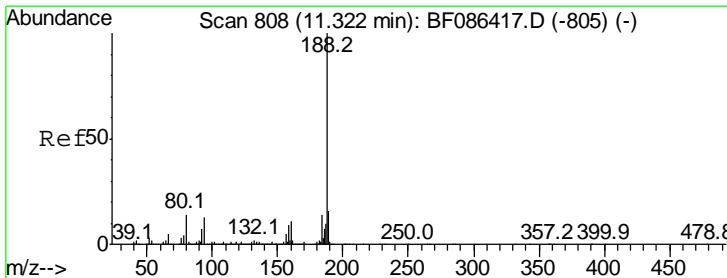
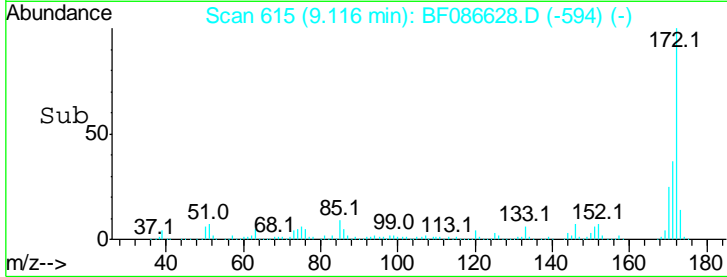
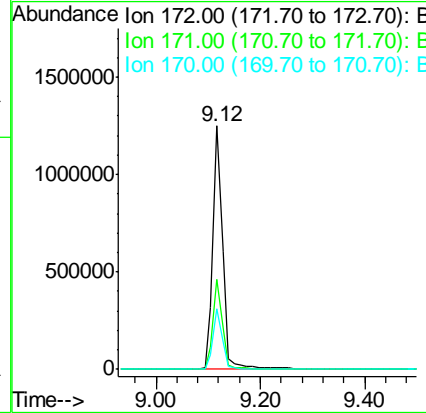
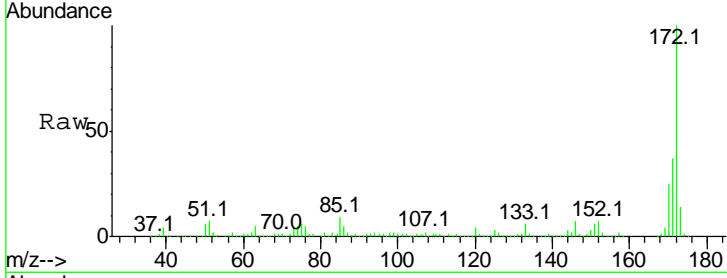


#44
 2-Fluorobiphenyl
 Concen: 95.04 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Instrument :
 BNA_F
ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Tgt Ion:172 Resp: 1655496

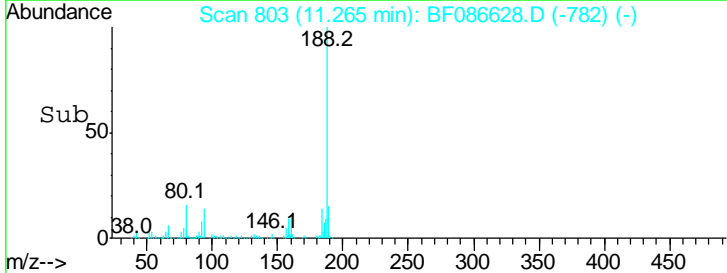
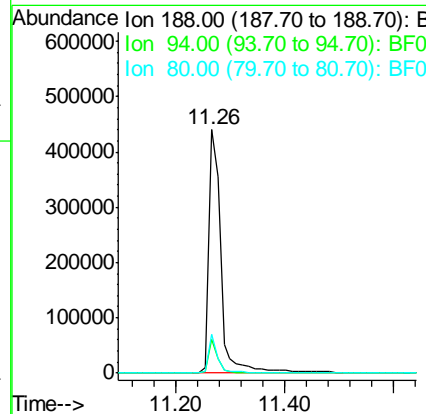
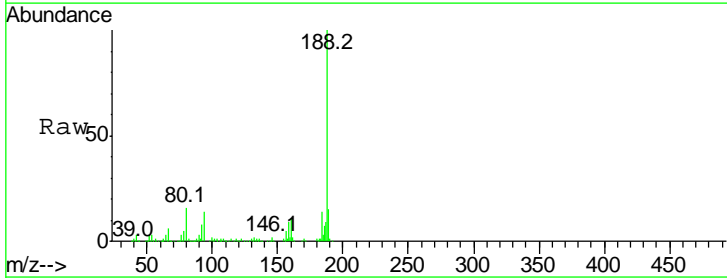
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	25.1	19.8	29.8

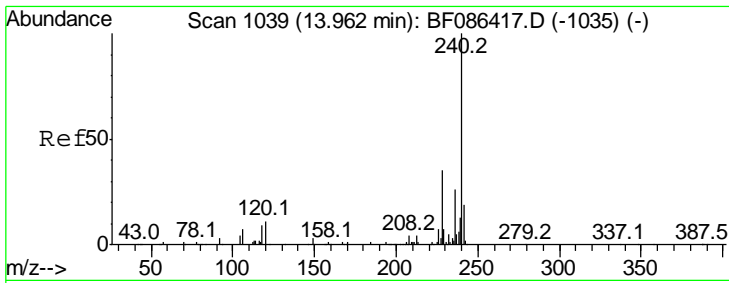


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion:188 Resp: 677267

Ion	Ratio	Lower	Upper
188	100		
94	14.1	6.8	10.2#
80	15.8	7.1	10.7#

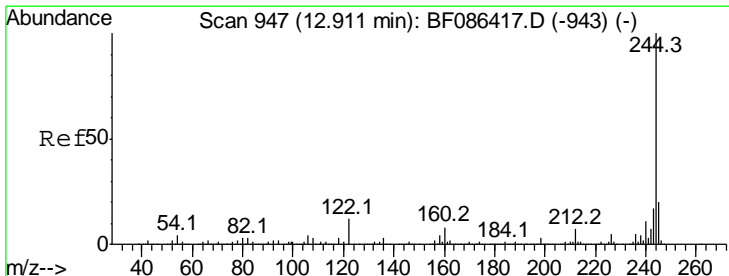
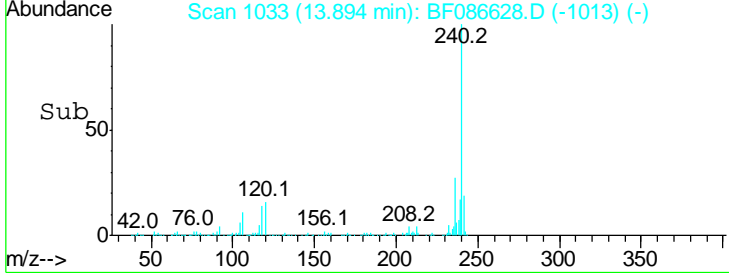
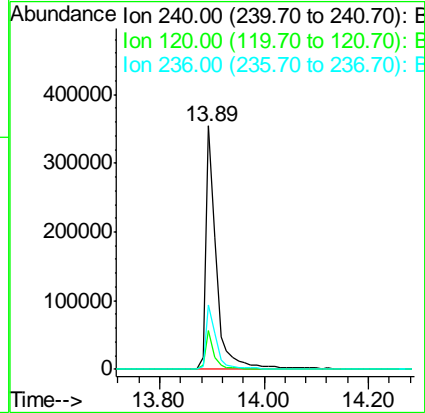
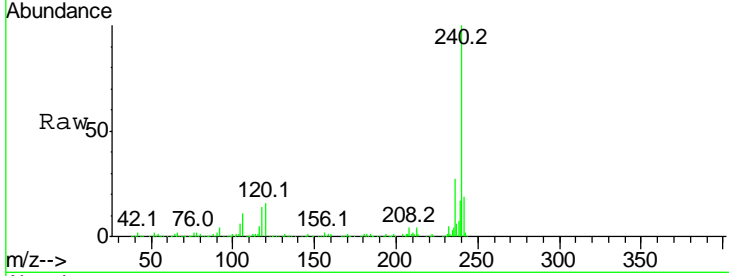




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.07 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

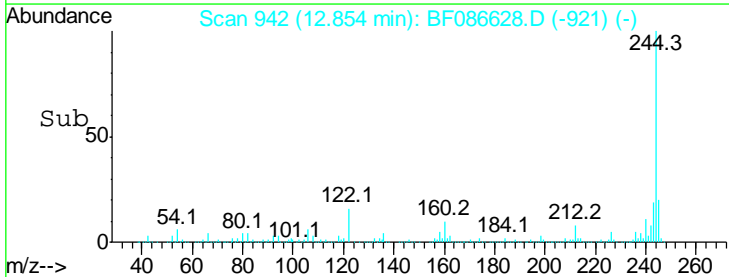
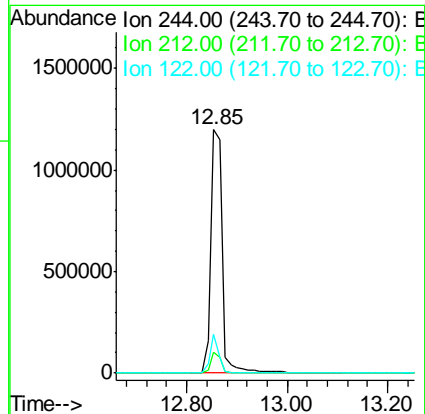
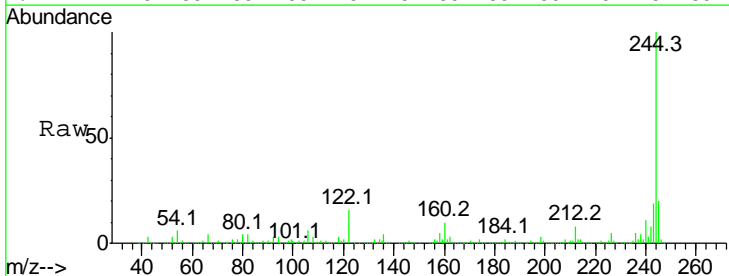
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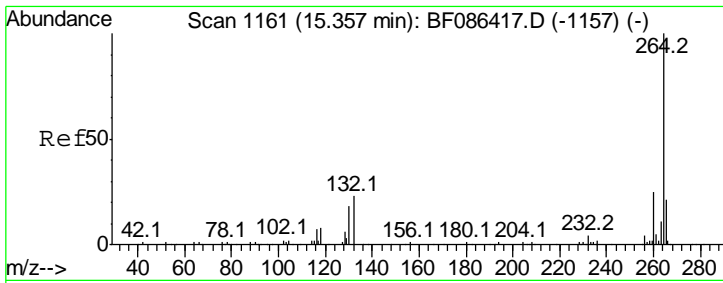
Tgt Ion	Resp	Lower	Upper
240	496117		
120	15.8	11.2	16.8
236	26.6	21.2	31.8



#78
 Terphenyl-d14
 Concen: 84.75 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Tgt Ion	Resp	Lower	Upper
244	1908524		
212	8.3	6.2	9.2
122	15.8	12.0	18.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086628.D
 Acq: 2 May 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Tot Ion: 264 Resp: 31223

Ion	Ratio	Lower	Upper
264	100		
260	64.9	19.5	29.3#
265	19.1	17.3	25.9

