

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087282.D
 Acq On : 22 May 2016 11:00
 Operator : UM/SJ
 Sample : PB90743TB
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743TB

Quant Time: May 23 03:36:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

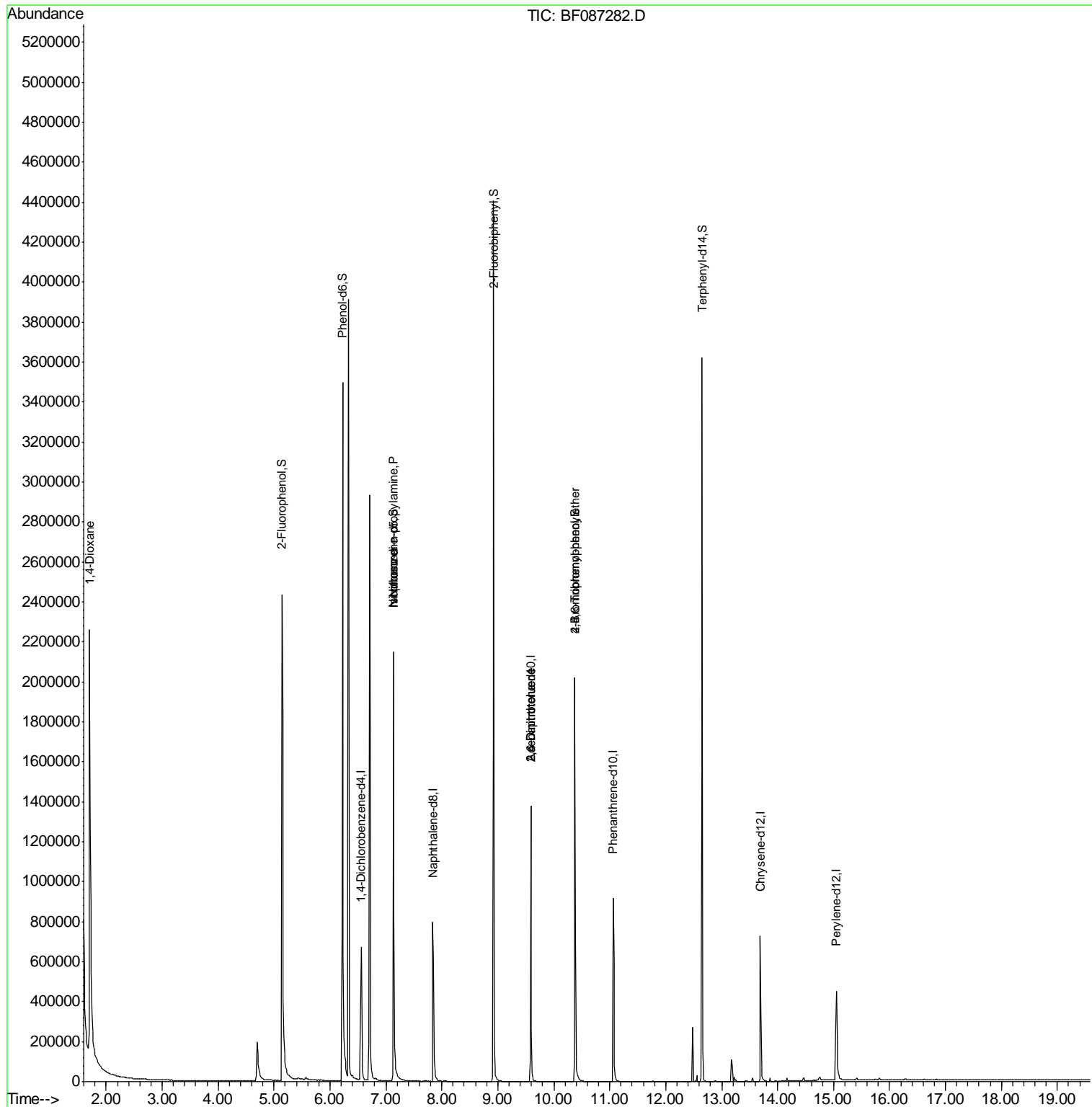
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	123674	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	518837	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	258596	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	448142	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	308153	20.00	ng	-0.01
86) Perylene-d12	15.05	264	248225	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	906719	123.23	ng	0.01
7) Phenol-d6	6.23	99	1076528	109.09	ng	0.00
23) Nitrobenzene-d5	7.13	82	758820	72.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	227463	79.60	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1403261	89.87	ng	0.00
78) Terphenyl-d14	12.65	244	1169871	85.88	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	72428	19.14	ng	# 22
19) n-Nitroso-di-n-propylamine	7.13	70	105167	14.02	ng	# 71
25) Isophorone	7.13	82	747190	39.21	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	32721	7.64	ng	# 20
56) 2,4-Dinitrotoluene	9.59	165	32721	5.96	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	15218	3.30	ng	# 1

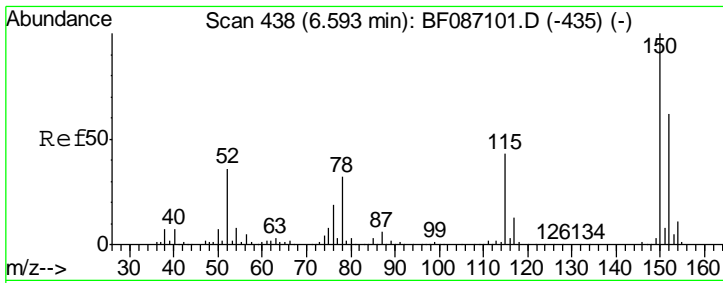
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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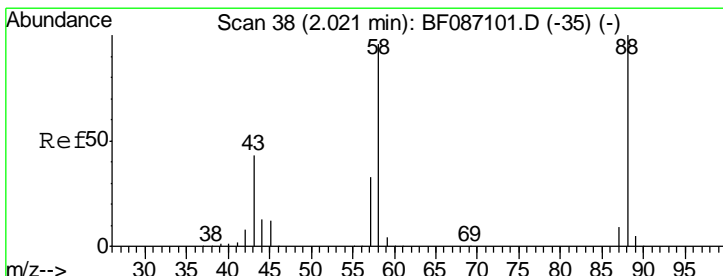
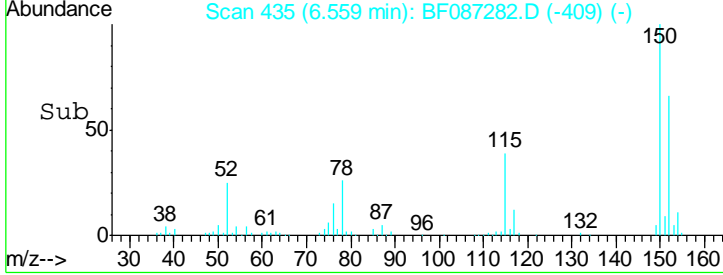
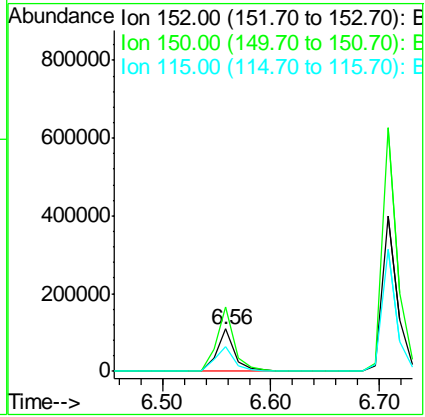
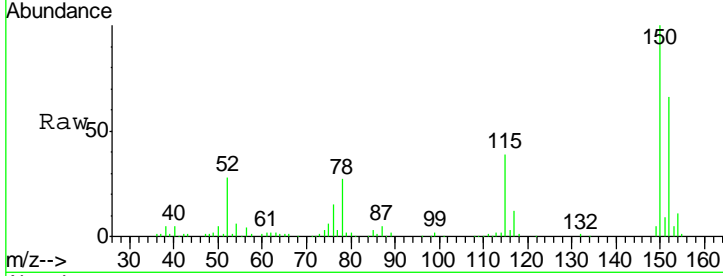




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

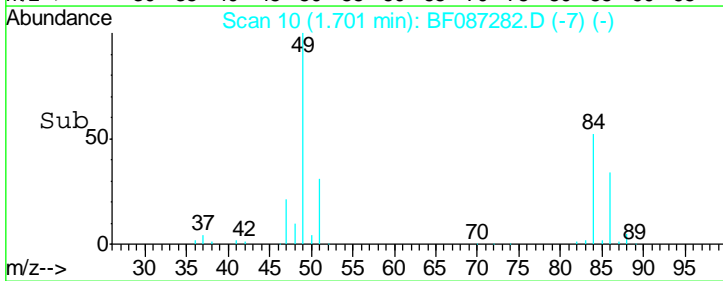
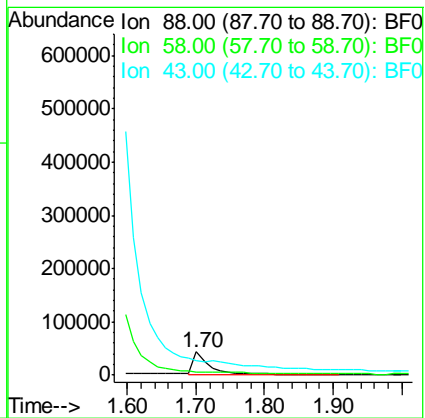
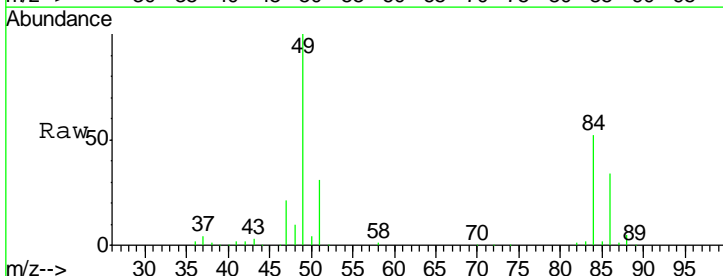
Instrument :
 BNA_F
ClientSampled :
 PB90743TB

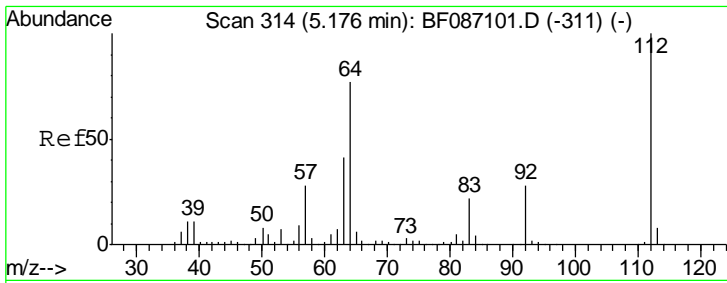
Tgt Ion	Resp	Lower	Upper
152	123674		
150	151.9	125.8	188.6
115	59.2	51.5	77.3



#2
 1,4-Dioxane
 Concen: 19.14 ng
 RT: 1.70 min Scan# 10
 Delta R.T. -0.26 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion	Resp	Lower	Upper
88	72428		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



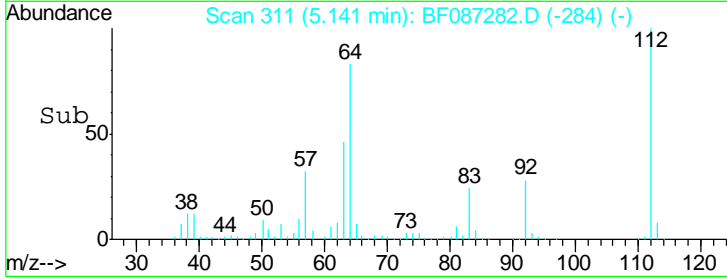
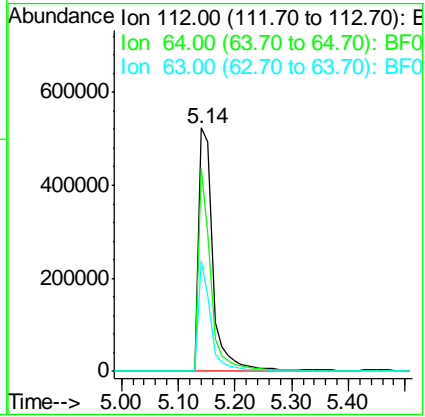
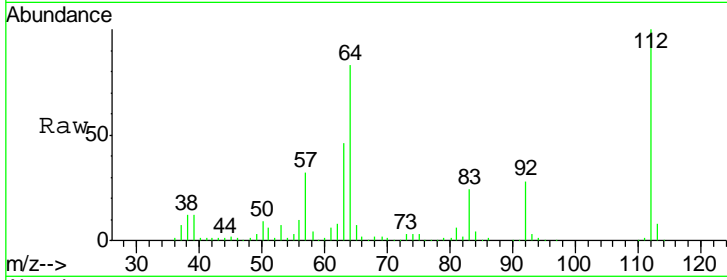


#5
 2-Fluorophenol
 Concen: 123.23 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Instrument :
 BNA_F
ClientSampled :
 PB90743TB

Tgt Ion: 112 Resp: 906719

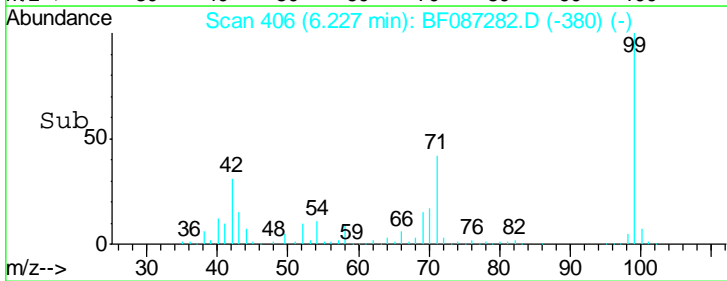
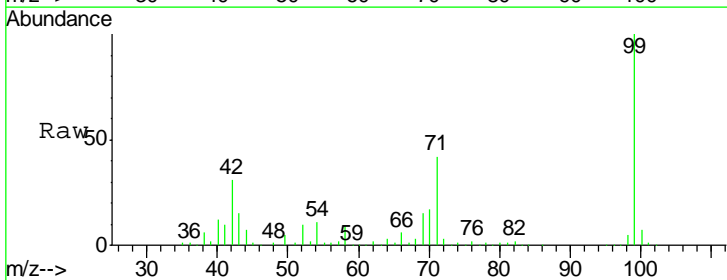
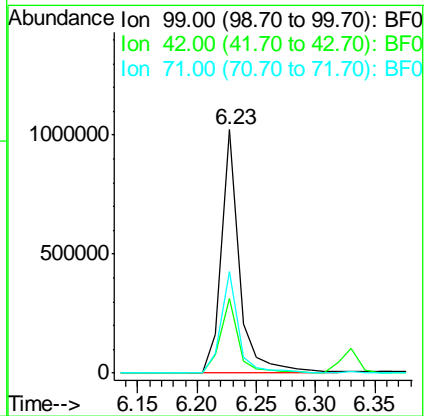
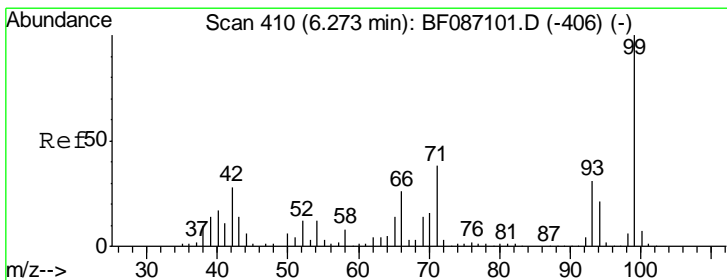
Ion	Ratio	Lower	Upper
112	100		
64	83.0	52.1	78.1#
63	45.6	25.7	38.5#

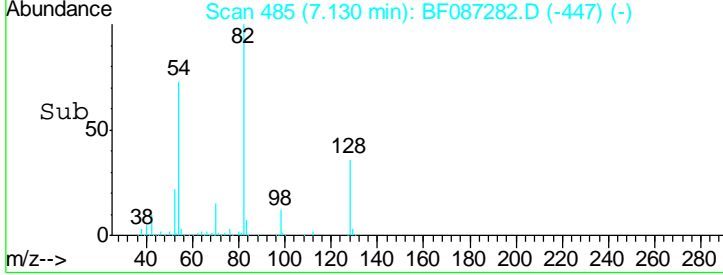
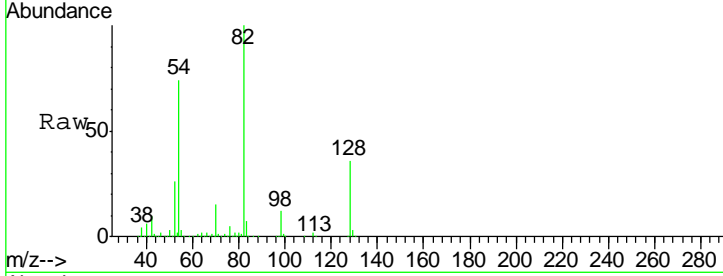
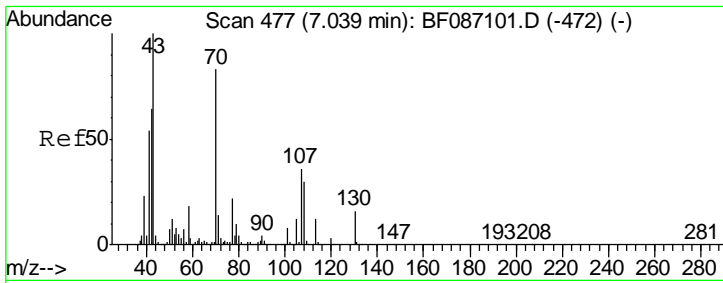


#7
 Phenol-d6
 Concen: 109.09 ng
 RT: 6.23 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion: 99 Resp: 1076528

Ion	Ratio	Lower	Upper
99	100		
42	30.8	13.6	20.4#
71	41.6	24.6	36.8#

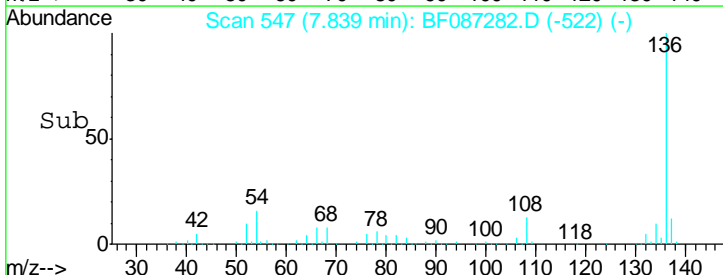
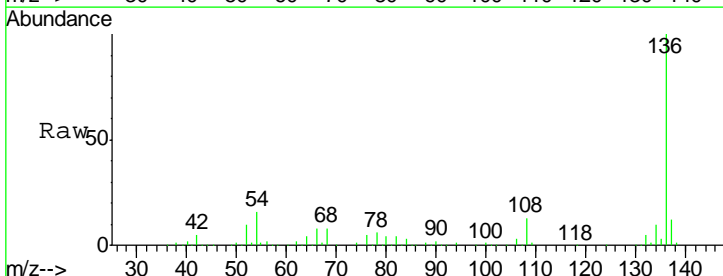
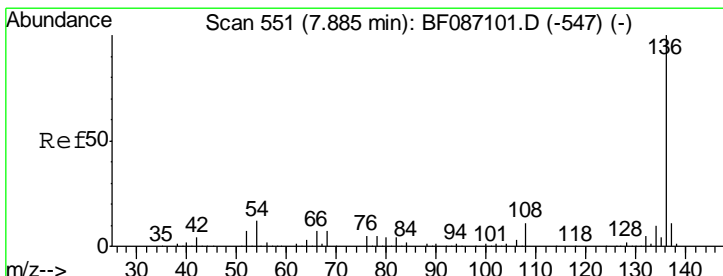
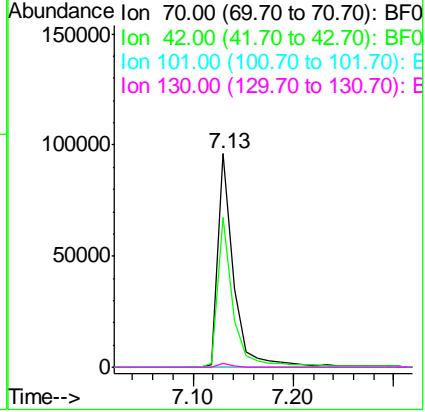




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.02 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.14 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

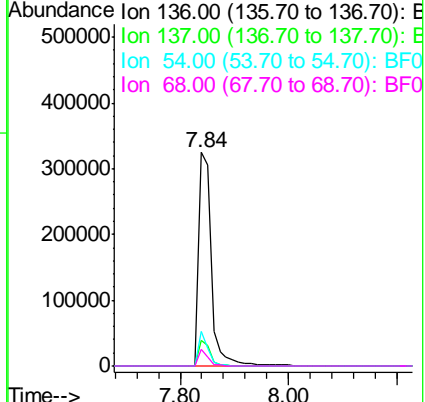
Instrument :
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 ClientSampled :
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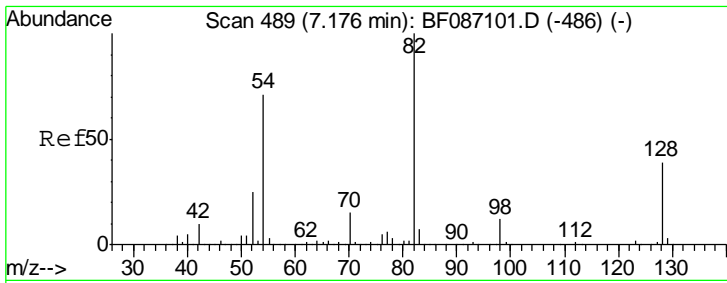
Tgt Ion	Resp	Lower	Upper
70	105167		
70	100		
42	70.3	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion	Resp	Lower	Upper
136	518837		
136	100		
137	11.7	8.8	13.2
54	16.4	5.0	7.4#
68	7.7	4.4	6.6#

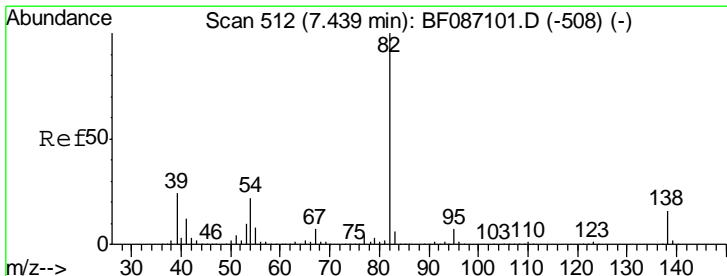
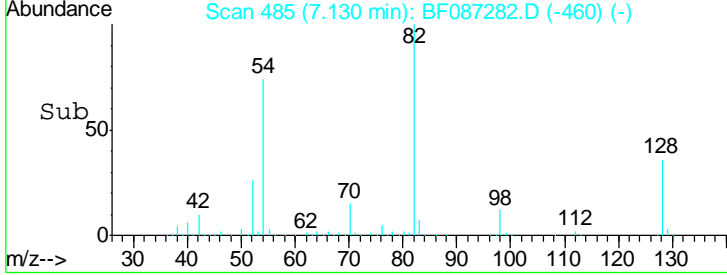
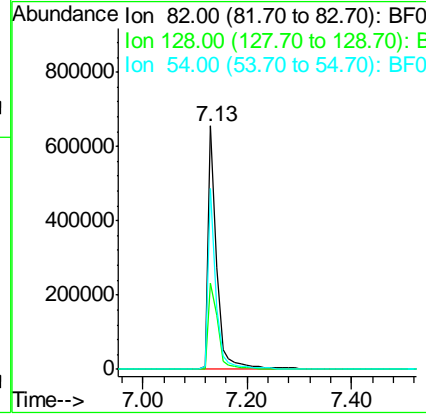
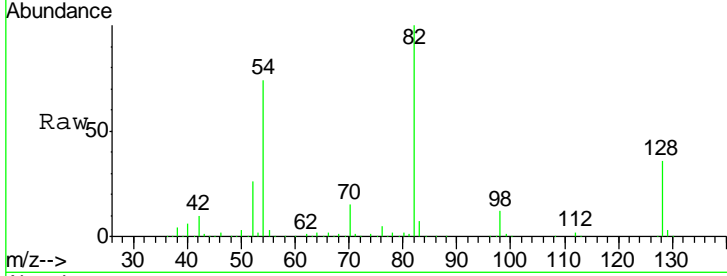




#23
 Nitrobenzene-d5
 Concen: 72.89 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

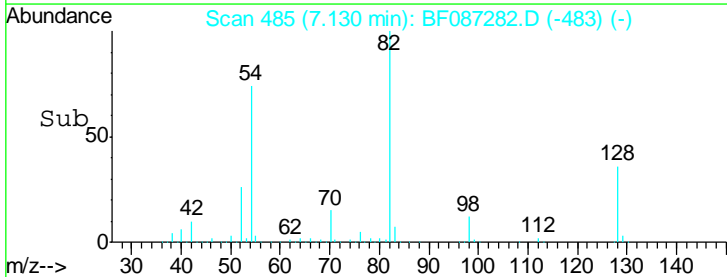
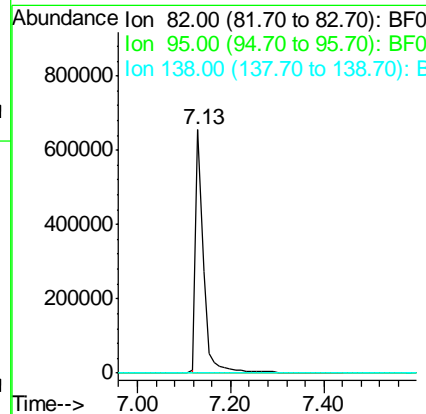
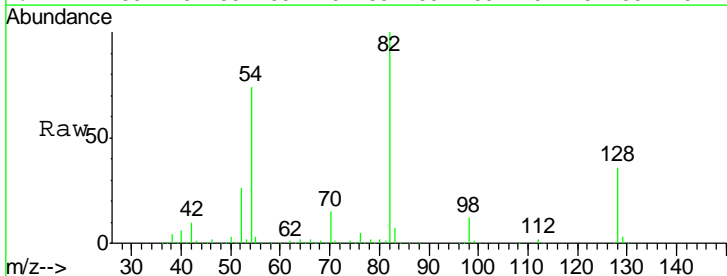
Instrument :
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ClientSampled :
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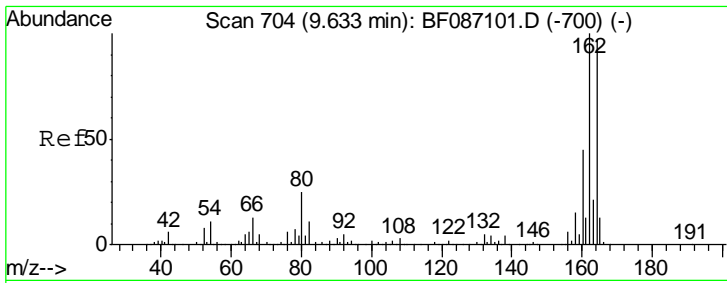
Tgt Ion	Resp	Lower	Upper
82	100		
128	35.6	40.6	61.0#
54	74.1	38.1	57.1#



#25
 Isophorone
 Concen: 39.21 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.27 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

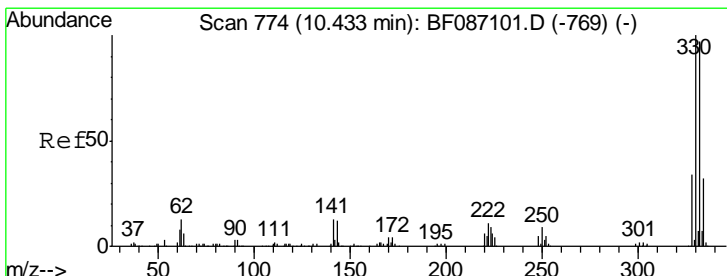
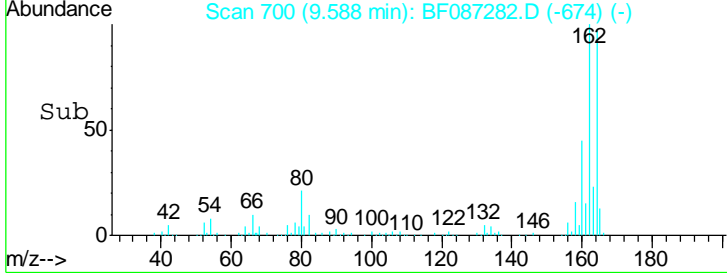
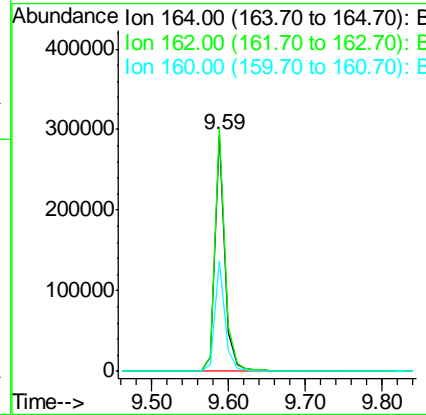
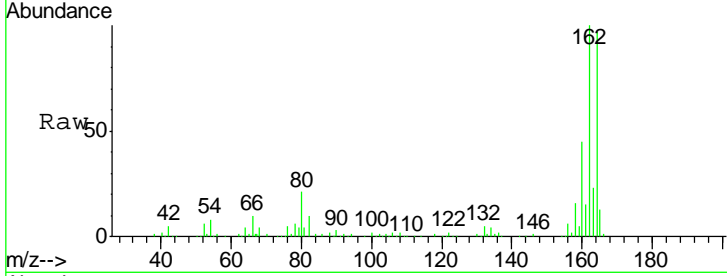




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

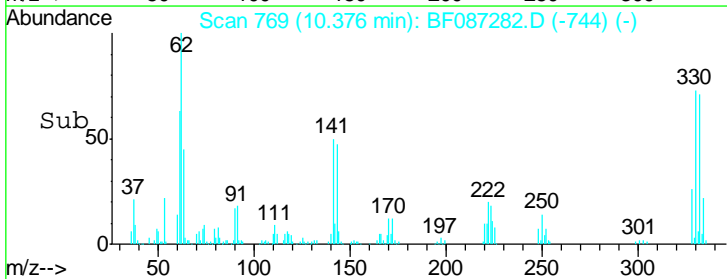
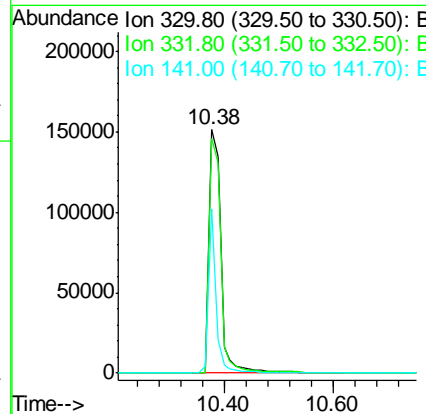
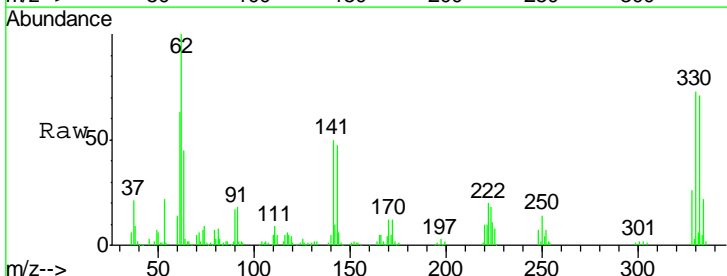
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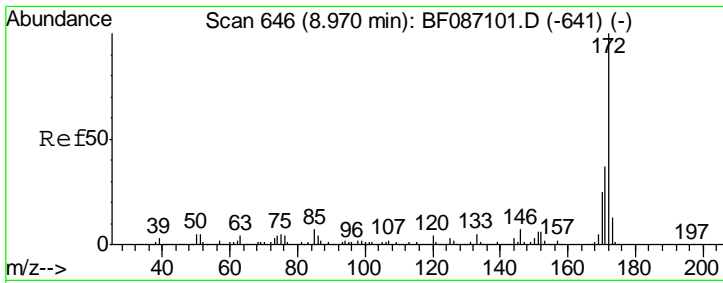
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	46.8	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 79.60 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	42.9	31.2	46.8



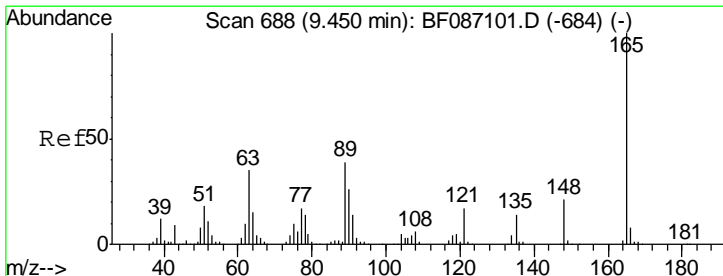
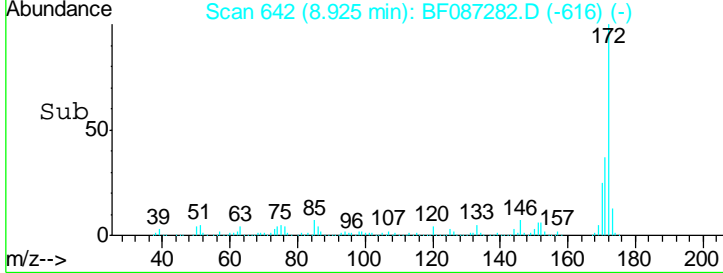
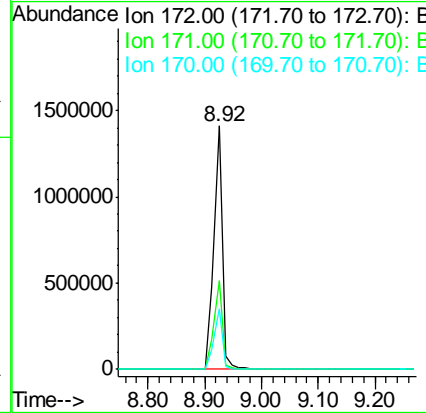
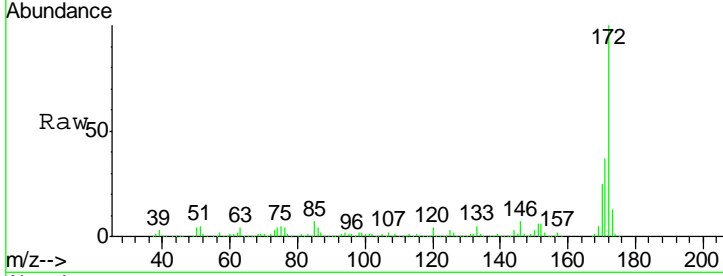


#44
 2-Fluorobiphenyl
 Concen: 89.87 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Instrument :
 BNA_F
ClientSampled :
 PB90743TB

Tgt Ion:172 Resp: 1403261

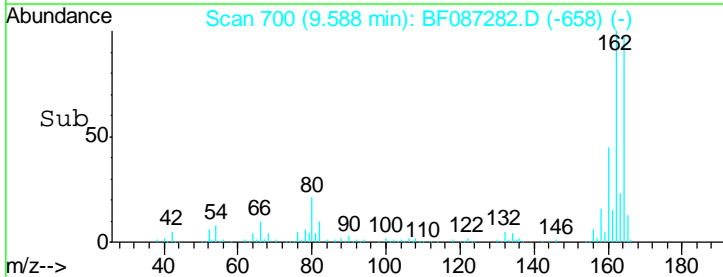
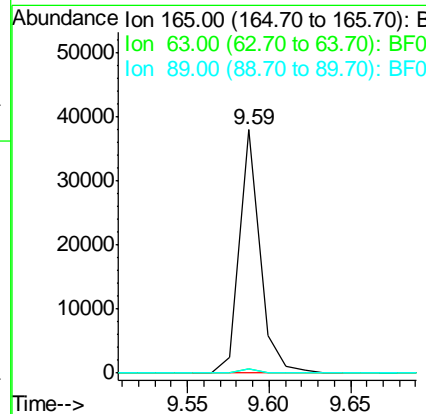
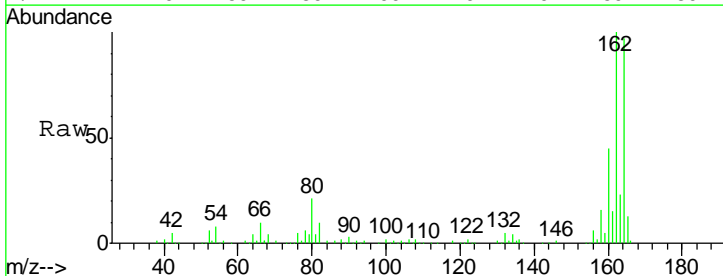
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.6	19.8	29.8

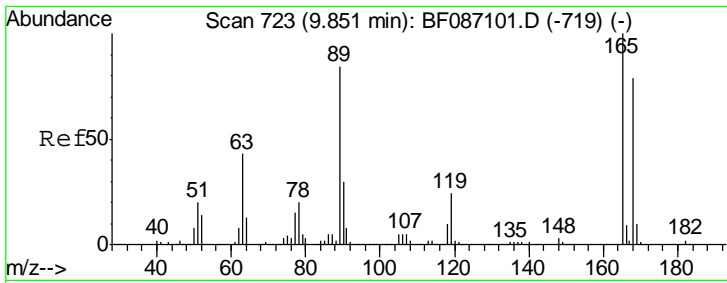


#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion:165 Resp: 32721

Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.8#
89	1.7	50.7	76.1#

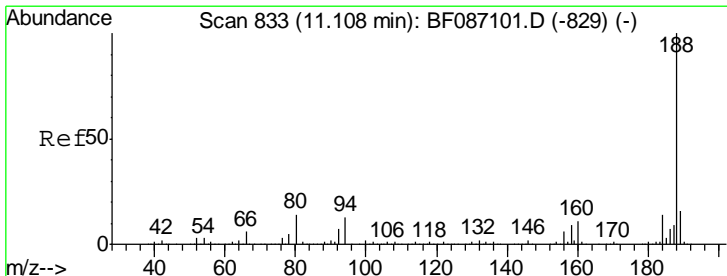
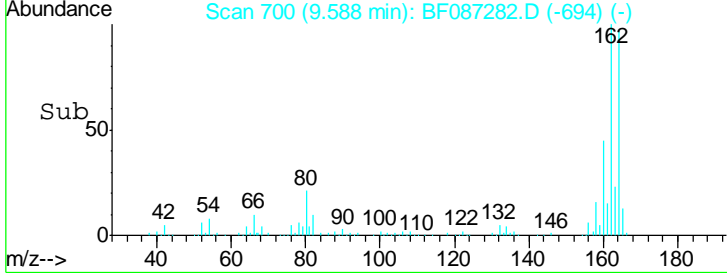
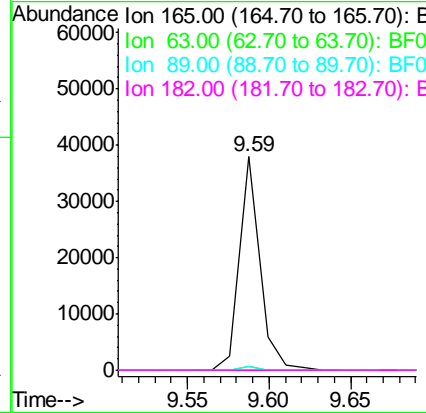
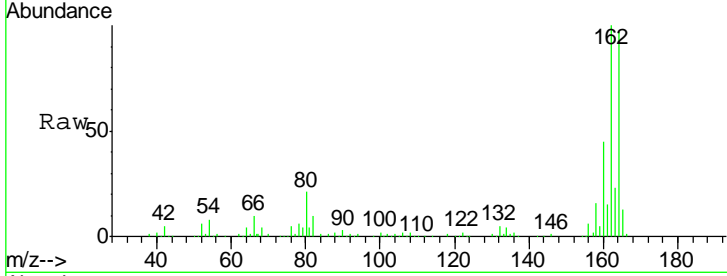




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.23 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

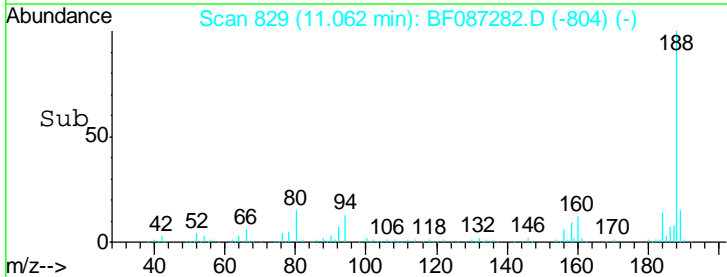
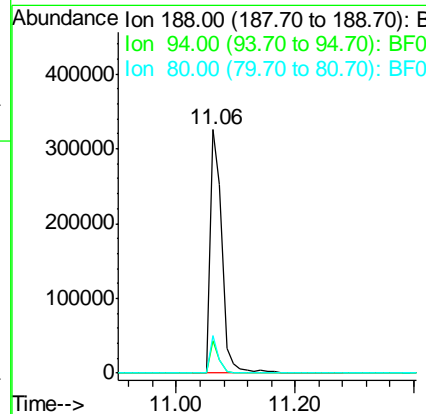
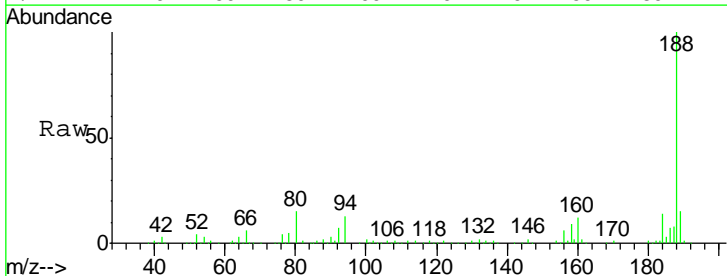
Instrument :
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ClientSampleId :
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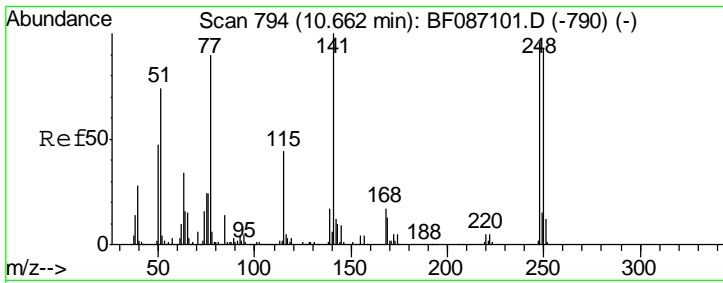
Tgt Ion	Resp	Lower	Upper
165	32721		
63	1.6	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion	Resp	Lower	Upper
188	448142		
94	13.4	6.8	10.2#
80	15.4	7.1	10.7#

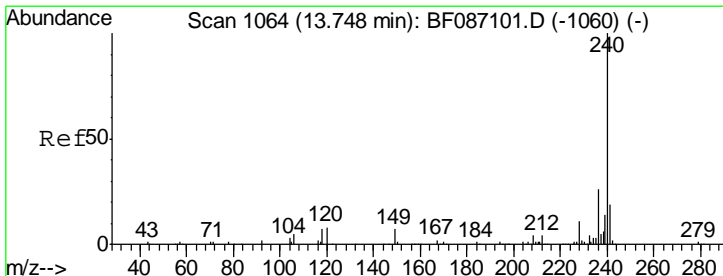
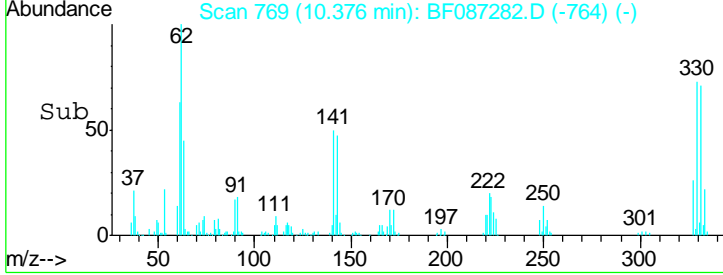
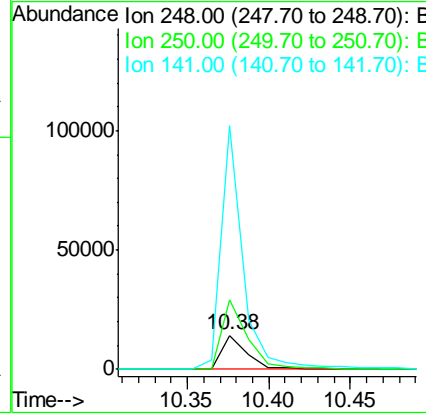
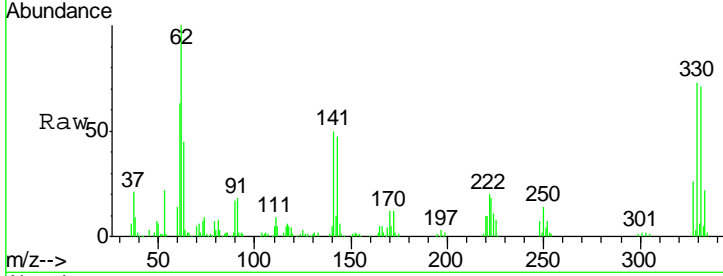




#66
 4-Bromophenyl-phenylether
 Concen: 3.30 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.24 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

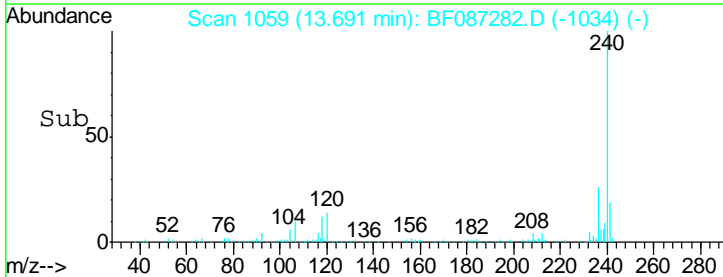
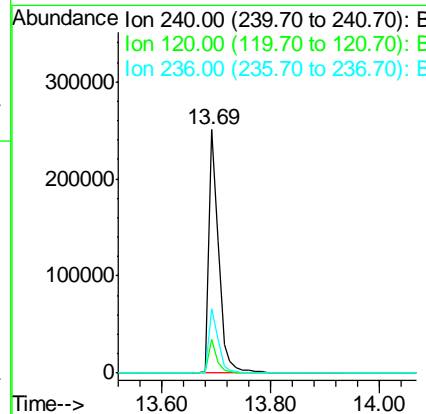
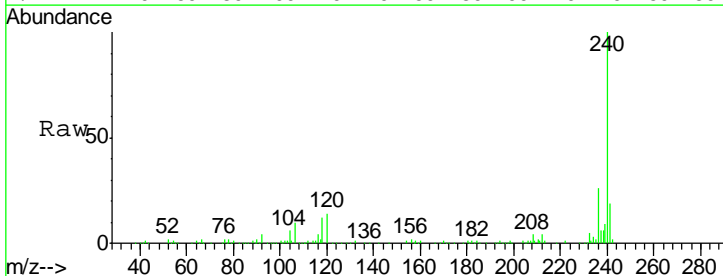
Instrument :
 BNA_F
ClientSampled :
 PB90743TB

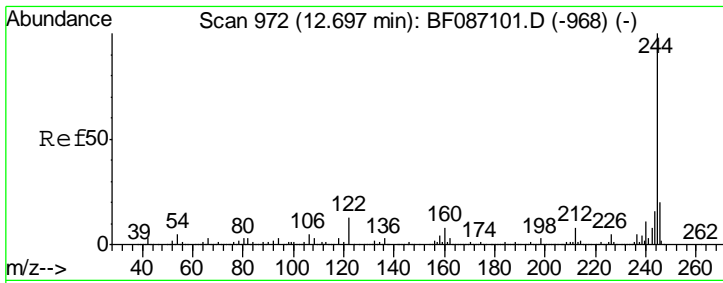
Tgt Ion	Resp	Lower	Upper
248	15218		
250	205.3	78.6	117.8#
141	713.1	76.0	114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion	Resp	Lower	Upper
240	308153		
120	13.8	11.2	16.8
236	26.4	21.2	31.8



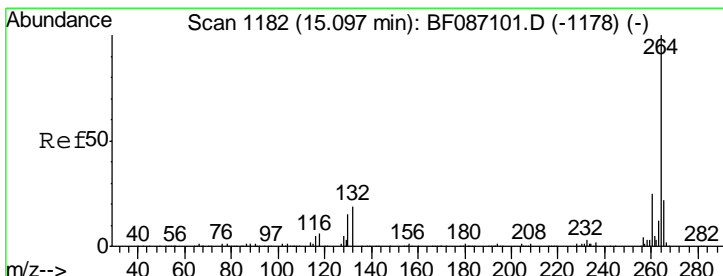
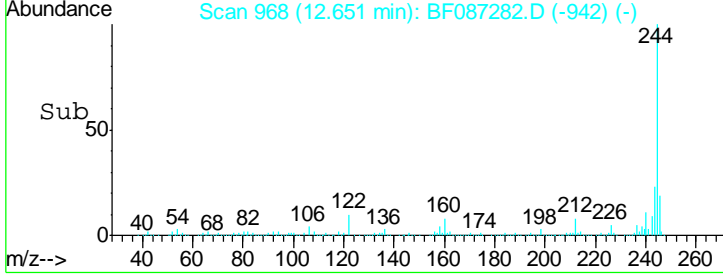
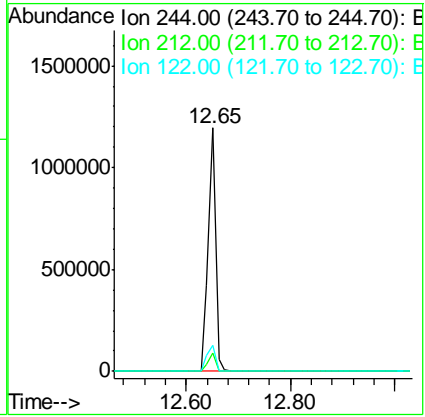
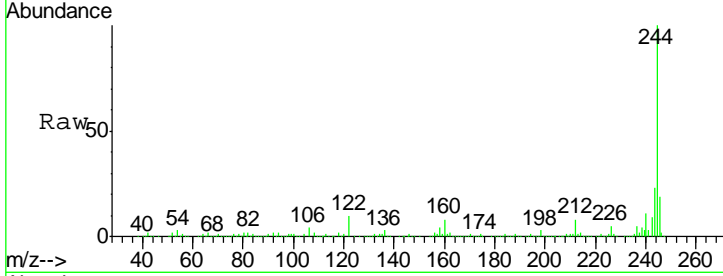


#78
 Terphenyl-d14
 Concen: 85.88 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Instrument :
 BNA_F
ClientSampled :
 PB90743TB

Tgt Ion: 244 Resp: 1169871

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.4	12.0	18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion: 264 Resp: 248225

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9

