

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097211.D
 Acq On : 31 Jul 2017 16:47
 Operator : SJ/JU
 Sample : I4495-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WW-1-2-3-DUP-COMP

Manual Integrations
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Quant Time: Aug 01 11:36:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	90462	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	441991	20.00	ng	0.01
38) Acenaphthene-d10	9.51	164	164563	20.00	ng	-0.02
63) Phenanthrene-d10	10.98	188	227709	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	213297	20.00	ng	-0.02
86) Perylene-d12	14.96	264	208243	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	307257m	51.20	ng	0.03
7) Phenol-d6	6.27	99	24354	3.55	ng	0.10
23) Nitrobenzene-d5	7.06	82	591774	78.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	90639	69.71	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	861583	88.85	ng	-0.02
78) Terphenyl-d14	12.57	244	542744	51.88	ng	-0.02
Target Compounds						
32) Benzoic acid	7.65	122	29282m	5.600	ng	Qvalue

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

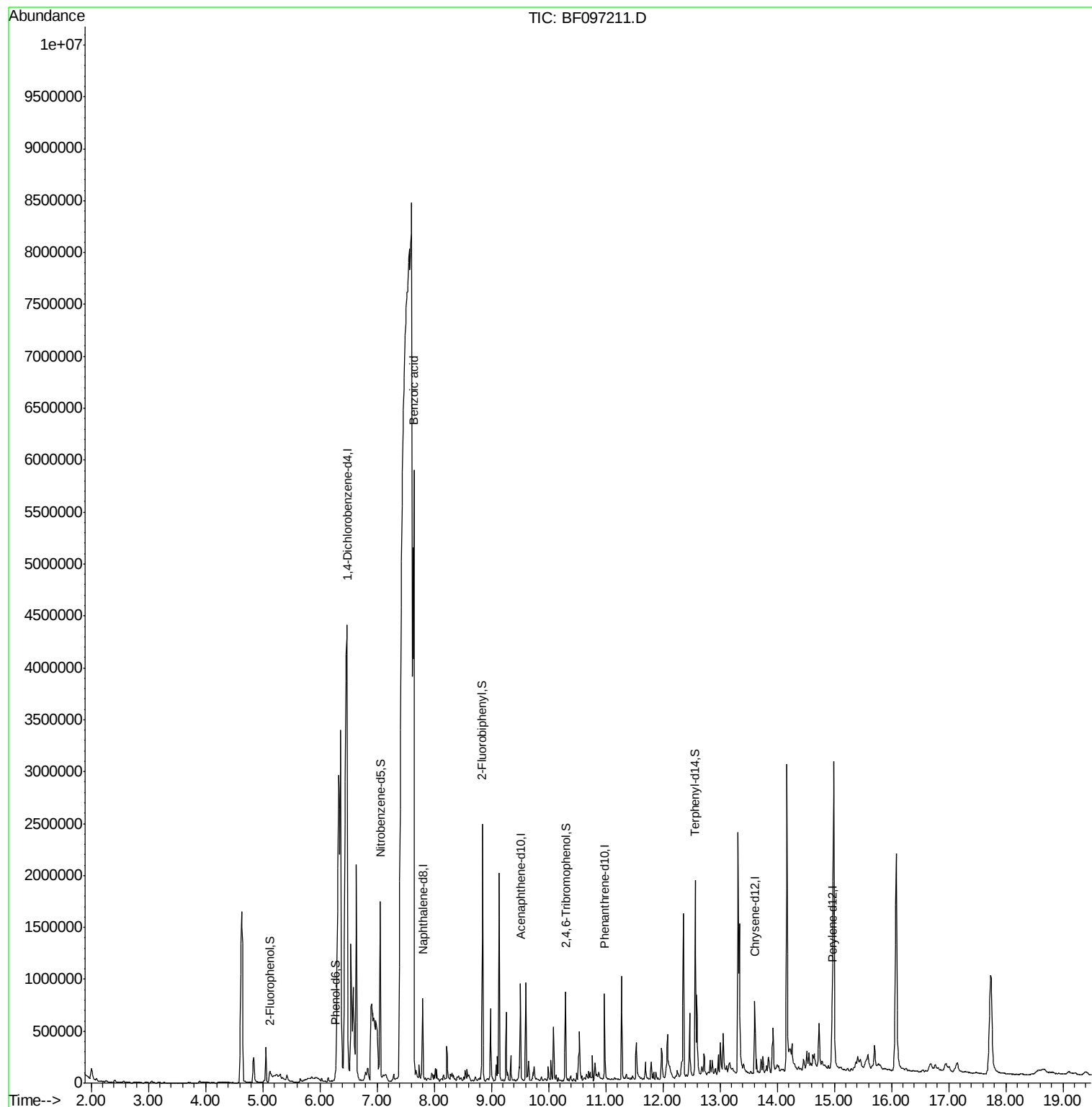
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097211.D
Acq On : 31 Jul 2017 16:47
Operator : SJ/JU
Sample : I4495-02
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ALS Vial : 12 Sample Multiplier: 1

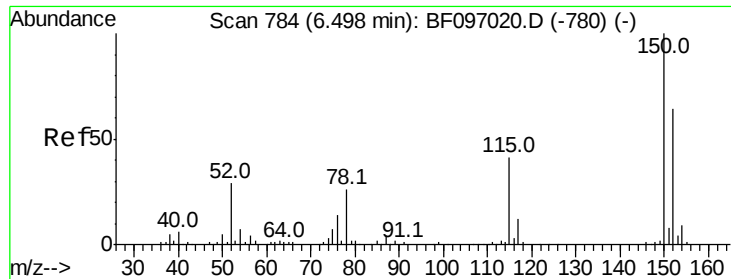
Instrument :
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WW-1-2-3-DUP-COMP

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#1

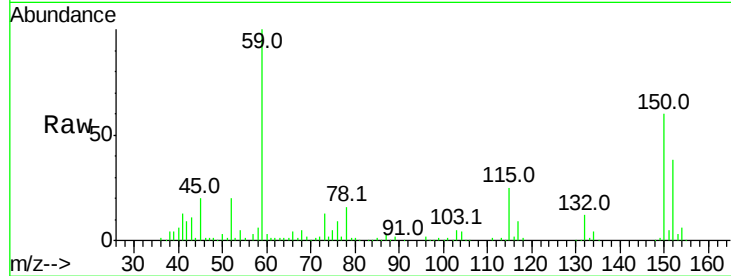
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097211.D
Acq: 31 Jul 2017 16:47

Instrument :
BNA_F
ClientSampleId :
WW-1-2-3-DUP-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	66.1	52.2	78.2

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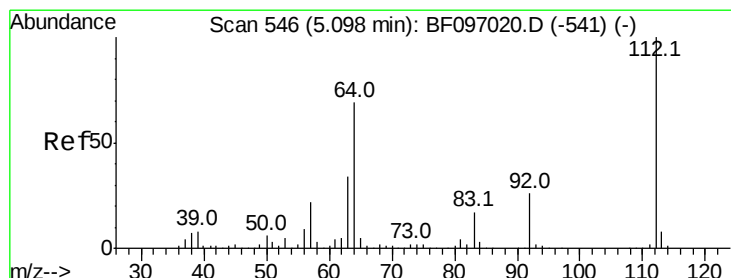
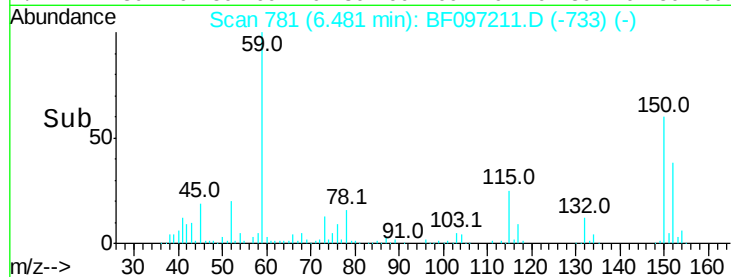
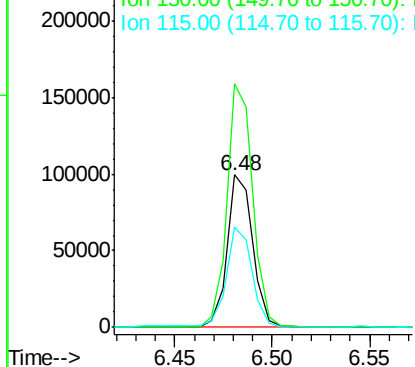


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

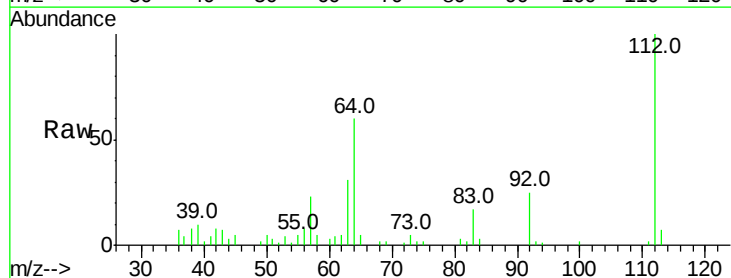
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.202 ng m
RT: 5.13 min Scan# 551
Delta R.T. 0.03 min
Lab File: BF097211.D
Acq: 31 Jul 2017 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.0	69.0
63	31.4	23.4	35.0

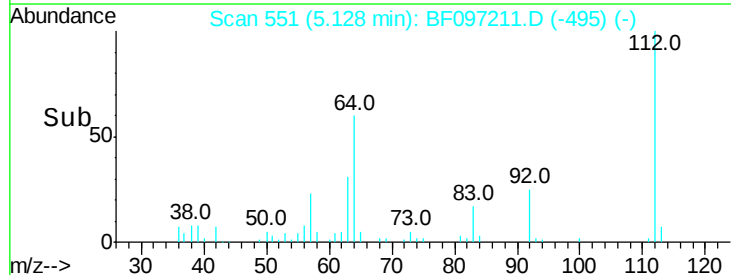
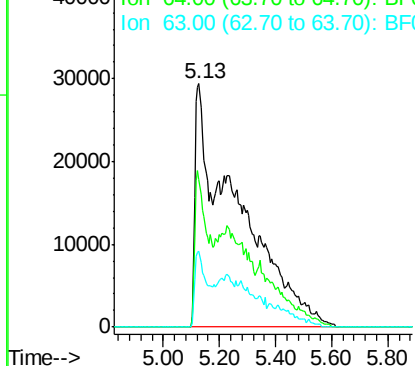


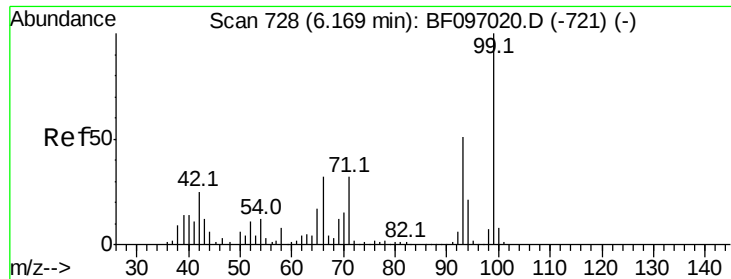
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.555 ng

RT: 6.27 min Scan# 745

Delta R.T. 0.10 min

Lab File: BF097211.D

Acq: 31 Jul 2017 16:47

Instrument :

BNA_F

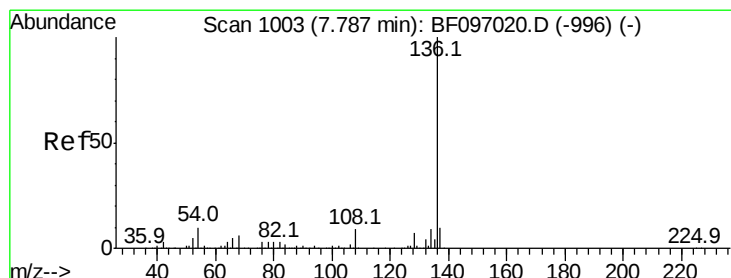
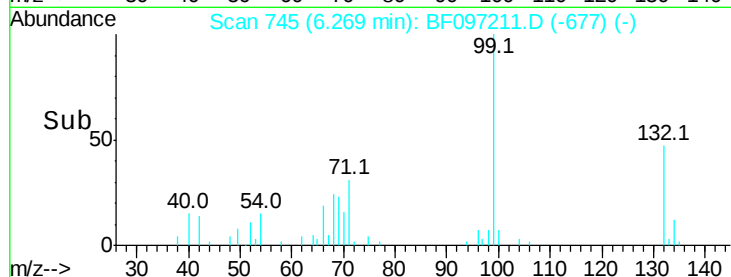
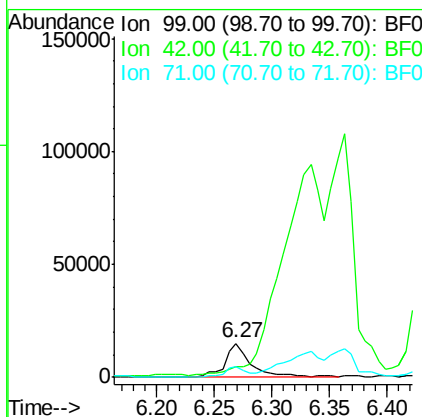
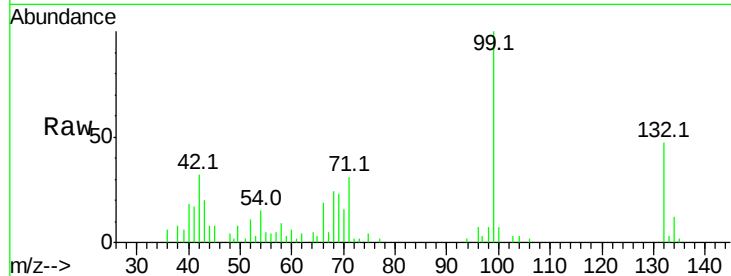
ClientSampleId :

WW-1-2-3-DUP-COMP

Tot Ion:	99	Resp:	24354
Ion Ratio	Lower	Upper	
99	100		
42	31.7	13.5	20.3#
71	31.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

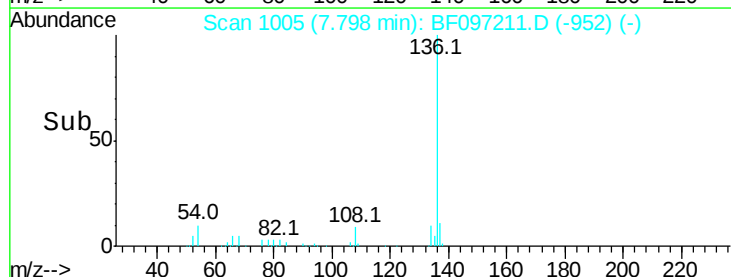
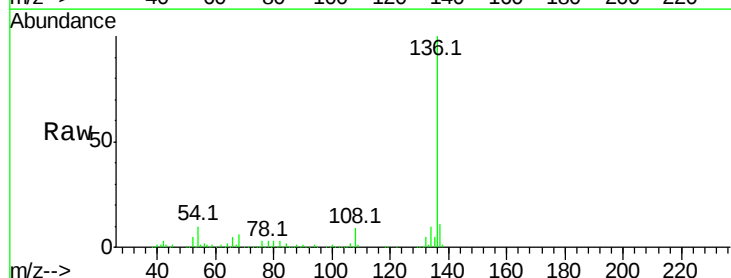
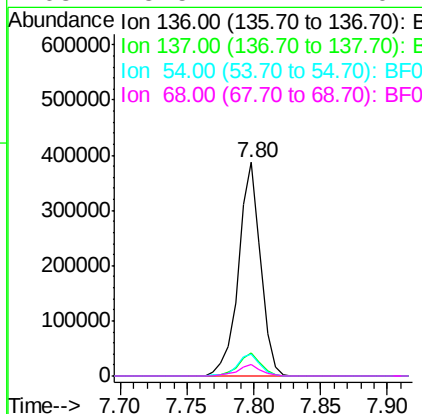
RT: 7.80 min Scan# 1005

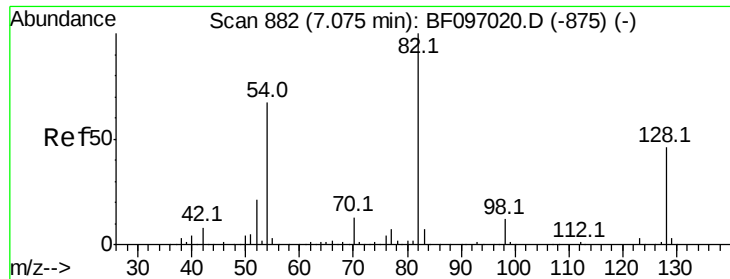
Delta R.T. 0.01 min

Lab File: BF097211.D

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Tgt Ion:	136	Resp:	441991
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	10.3	4.9	7.3#
68	5.5	4.1	6.1





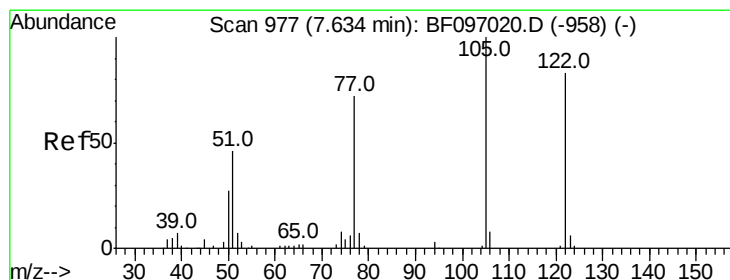
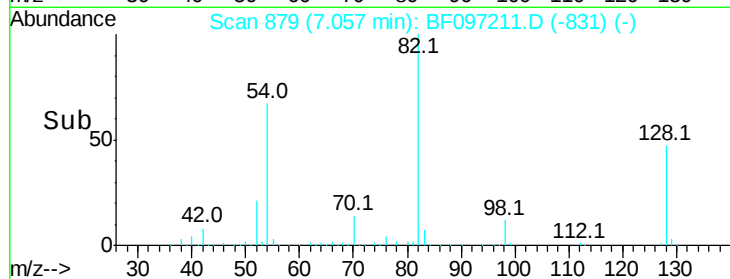
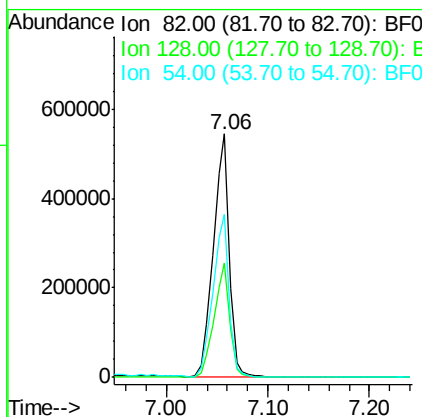
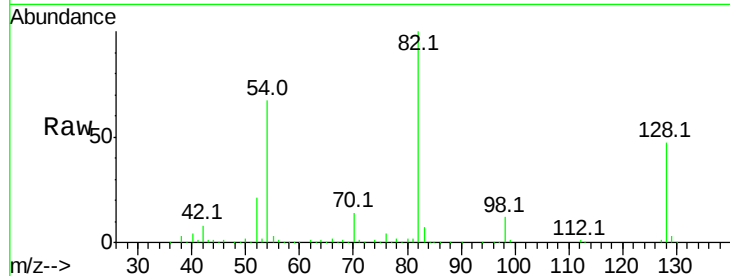
#23
 Nitrobenzene-d5
 Concen: 78.544 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097211.D
 Acq: 31 Jul 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 WW-1-2-3-DUP-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	67.1	42.2	63.2

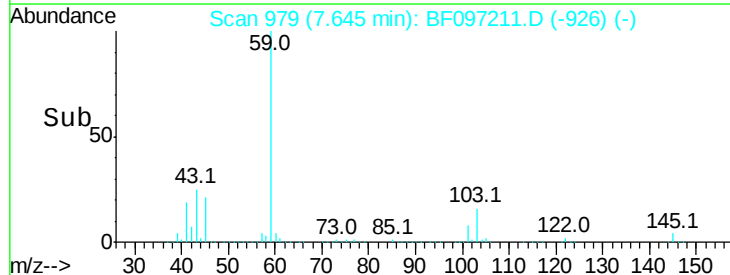
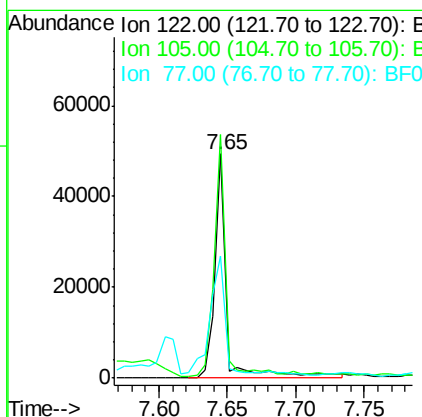
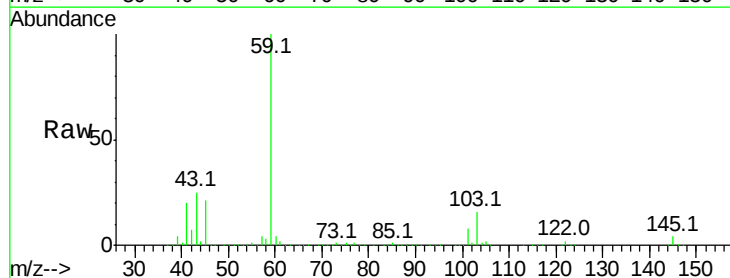
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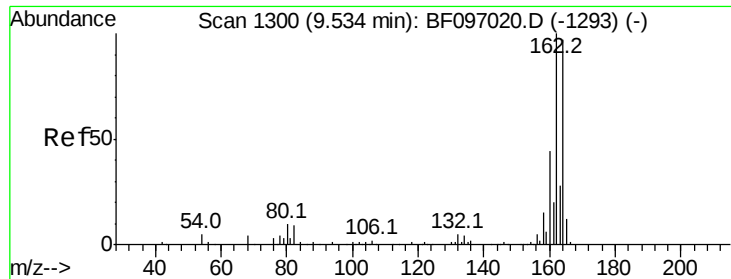
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#32
 Benzoic acid
 Concen: 5.600 ng m
 RT: 7.65 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF097211.D
 Acq: 31 Jul 2017 16:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.6	103.3	143.3
77	54.6	73.7	113.7





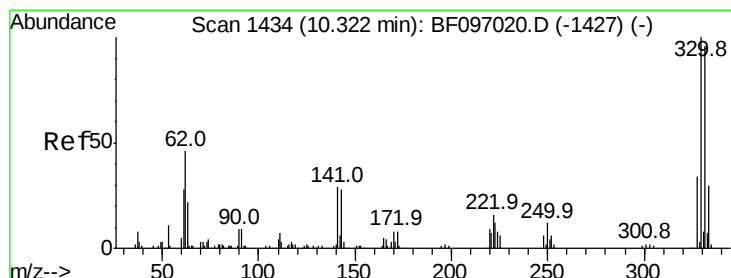
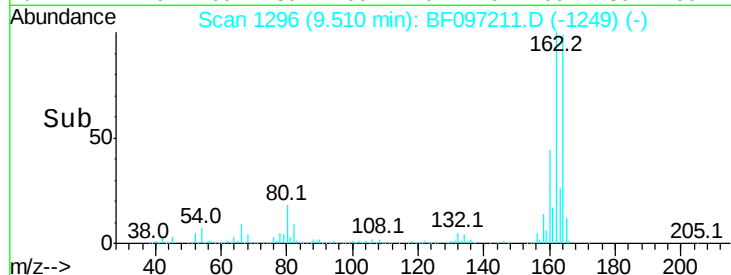
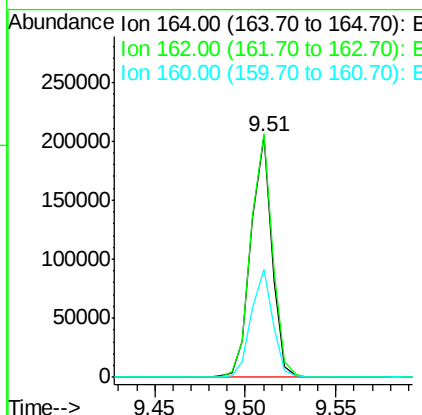
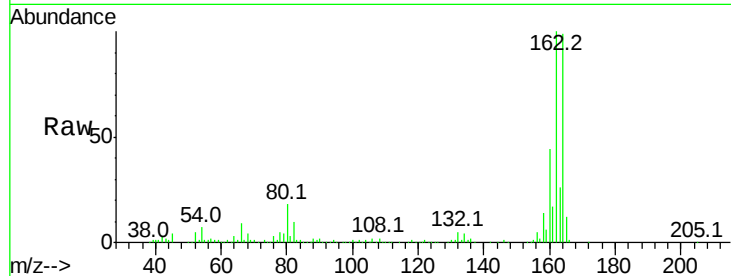
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097211.D
 Acq: 31 Jul 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 WW-1-2-3-DUP-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	164563		
162	101.3	82.6	123.8	
160	44.8	36.2	54.2	

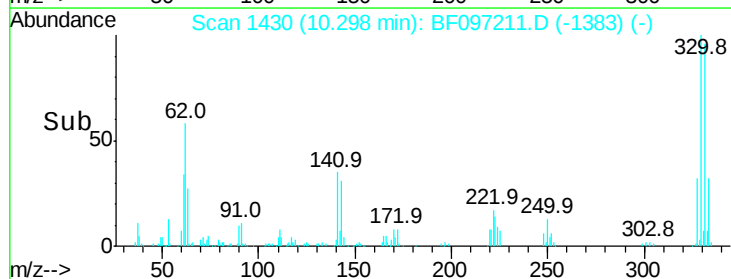
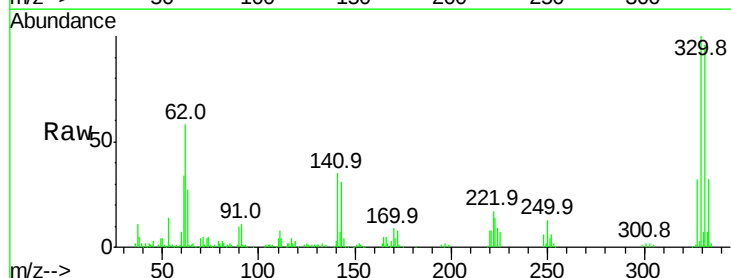
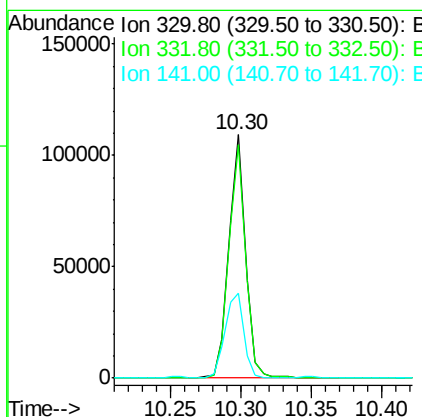
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#41
 2,4,6-Tribromophenol
 Concen: 69.711 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097211.D
 Acq: 31 Jul 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	90639		
332	96.2	76.6	115.0	
141	39.3	31.4	47.2	





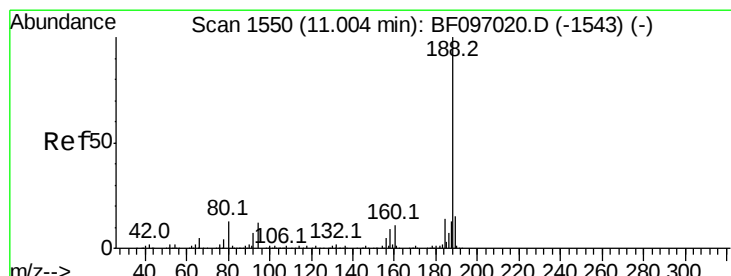
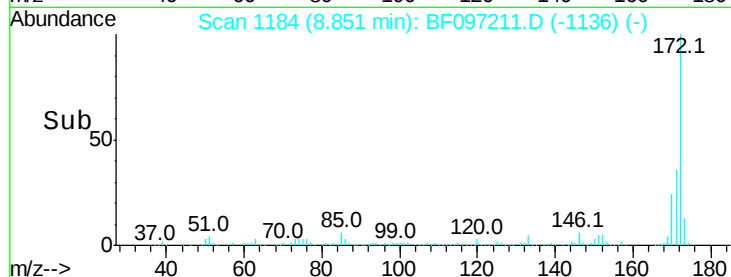
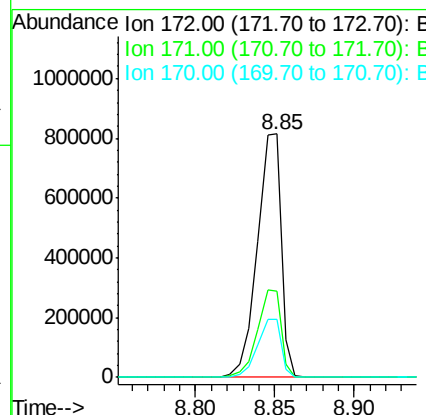
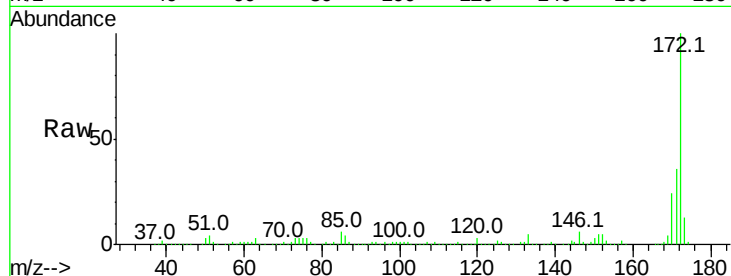
#44
 2-Fluorobiphenyl
 Concen: 88.853 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097211.D
 Acq: 31 Jul 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 WW-1-2-3-DUP-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.6	19.8	29.8

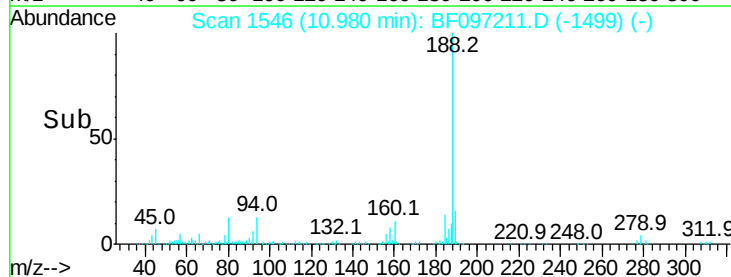
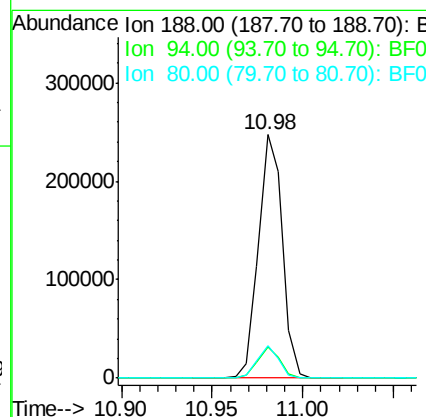
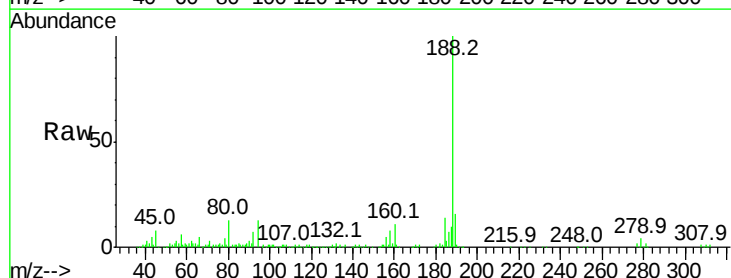
Manual Integrations
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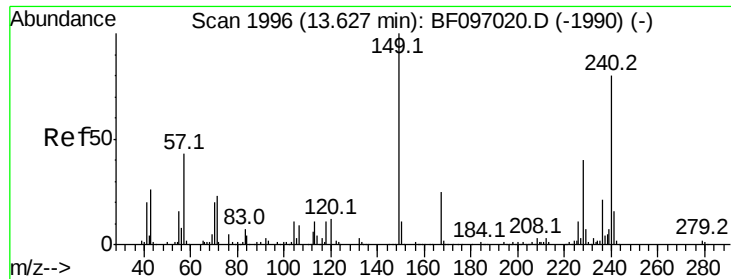
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF097211.D
 Acq: 31 Jul 2017 16:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	13.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097211.D

Acq: 31 Jul 2017 16:47

Instrument :

BNA_F

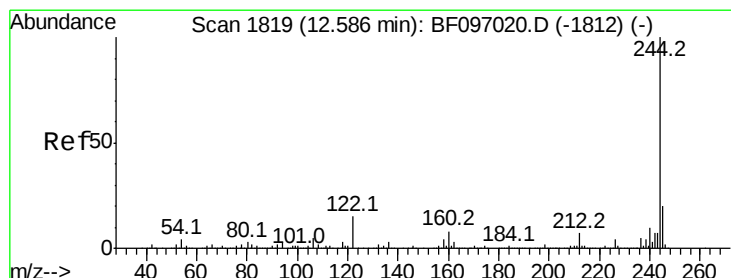
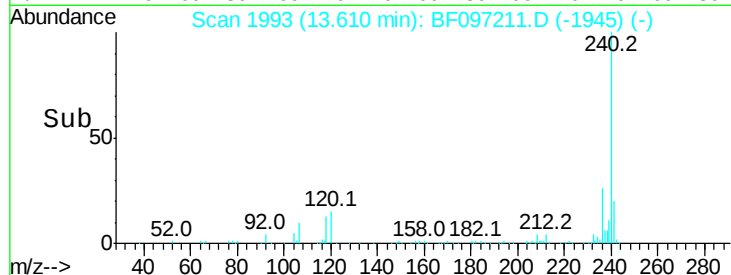
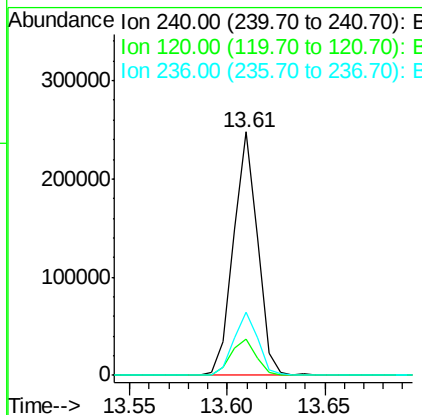
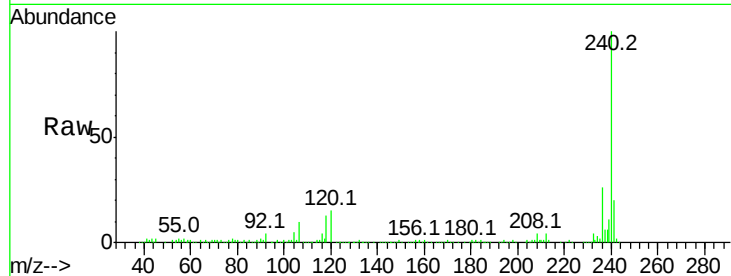
ClientSampleId :

WW-1-2-3-DUP-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.0	20.5	30.7

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#78

Terphenyl-d14

Concen: 51.880 ng

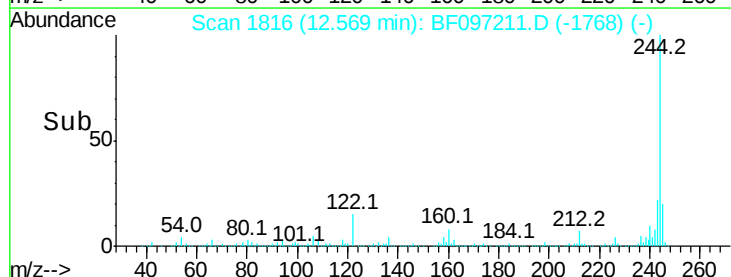
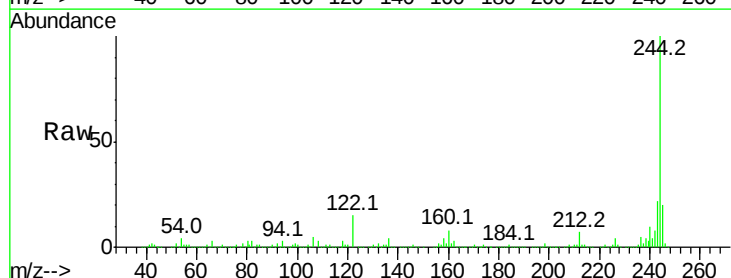
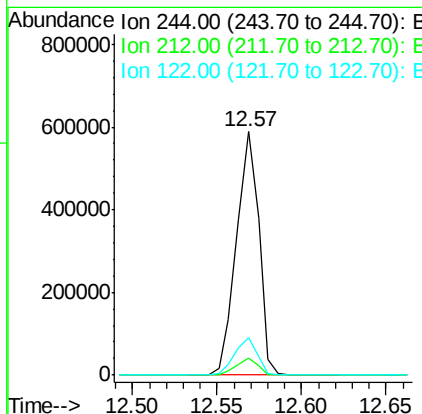
RT: 12.57 min Scan# 1816

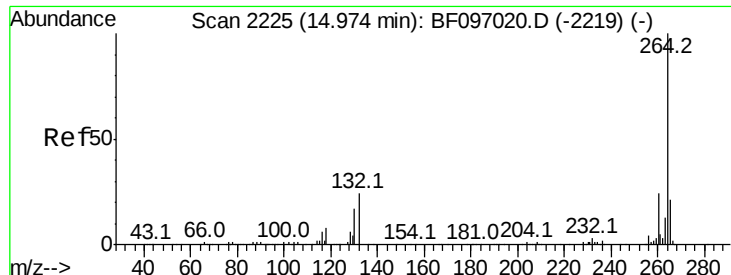
Delta R.T. -0.02 min

Lab File: BF097211.D

Acq: 31 Jul 2017 16:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.4	10.3	15.5





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097211.D
 Acq: 31 Jul 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 WW-1-2-3-DUP-COMP

Tot Ion:	264	Resp:	208243
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.5	29.3
265	21.8	17.2	25.8

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