

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097210.D
 Acq On : 31 Jul 2017 16:19
 Operator : SJ/JU
 Sample : I4495-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Aug 01 11:34:03 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	6.49	152	91182	20.00	ng	-0.01
21) Naphthalene-d8	7.80	136	439424	20.00	ng	0.02
38) Acenaphthene-d10	9.51	164	174721	20.00	ng	-0.02
63) Phenanthrene-d10	10.98	188	222268	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	206092	20.00	ng	-0.02
86) Perylene-d12	14.96	264	211644	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	289897m	47.93	ng	0.04
7) Phenol-d6	6.27	99	18646	2.70	ng	0.10
23) Nitrobenzene-d5	7.06	82	575564	76.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	90465	65.53	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	936268	90.94	ng	-0.02
78) Terphenyl-d14	12.57	244	529783	52.41	ng	-0.02
Target Compounds						
32) Benzoic acid	7.66	122	30569m	5.880	ng	Qvalue

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

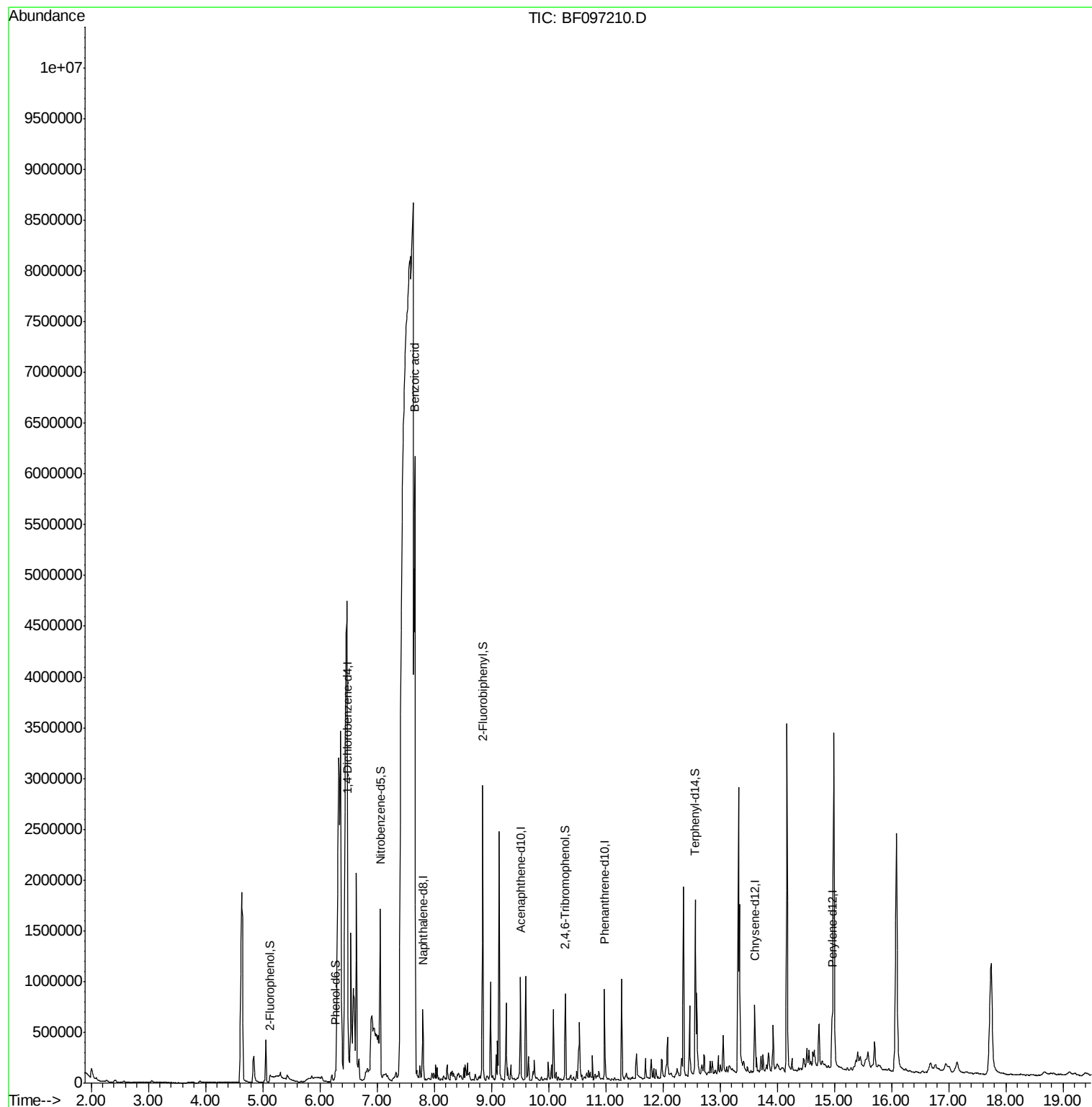
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097210.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

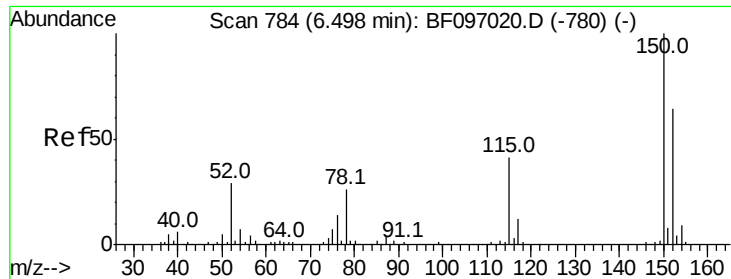
Instrument :
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WW-1-2-3-COMP

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#1

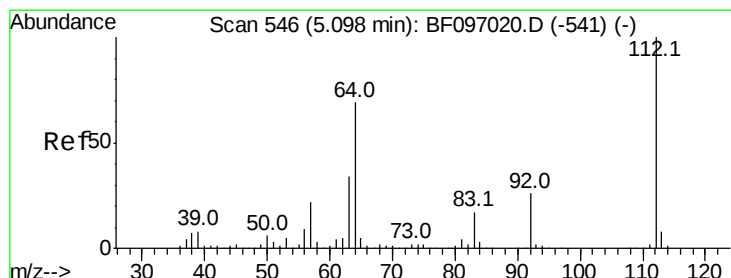
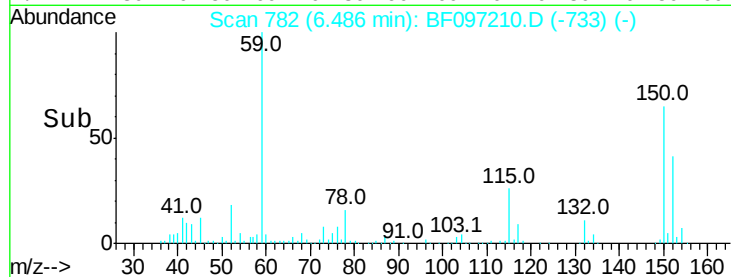
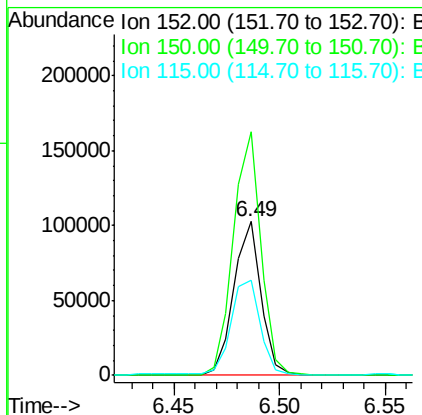
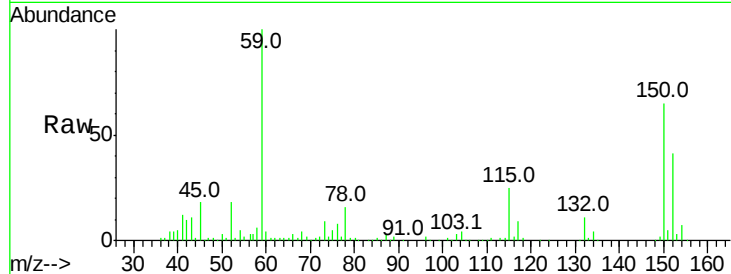
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097210.D
Acq: 31 Jul 2017 16:19

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	62.1	52.2	78.2

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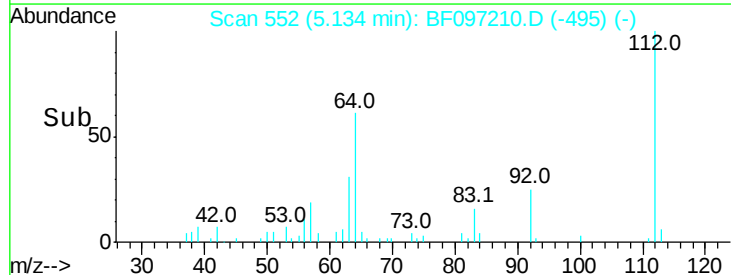
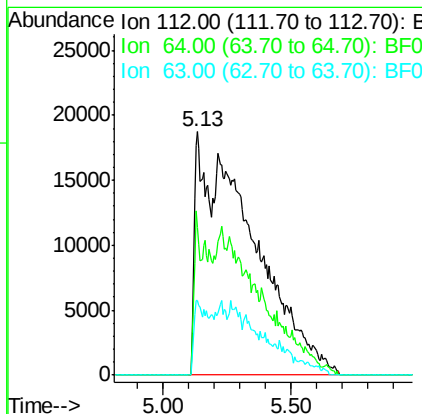
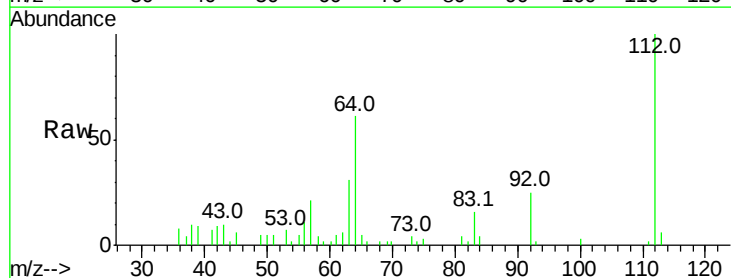
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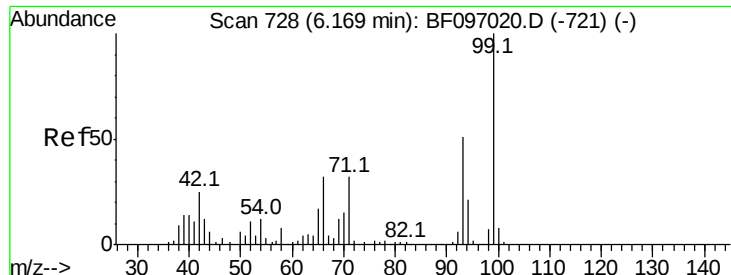


#5

2-Fluorophenol
Concen: 47.928 ng m
RT: 5.13 min Scan# 552
Delta R.T. 0.04 min
Lab File: BF097210.D
Acq: 31 Jul 2017 16:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.0	69.0
63	30.5	23.4	35.0





#7

Phenol-d6

Concen: 2.700 ng

RT: 6.27 min Scan# 745

Delta R.T. 0.10 min

Lab File: BF097210.D

Acq: 31 Jul 2017 16:19

Instrument :

BNA_F

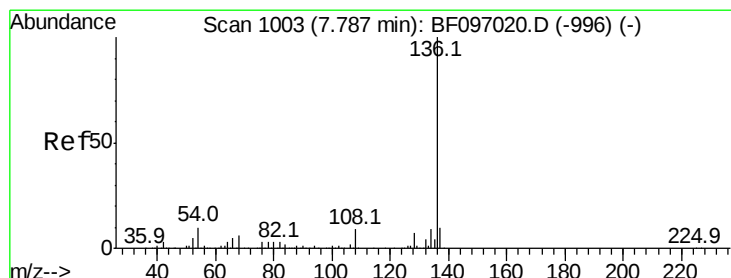
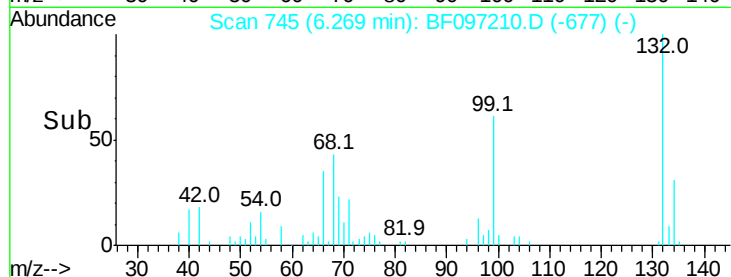
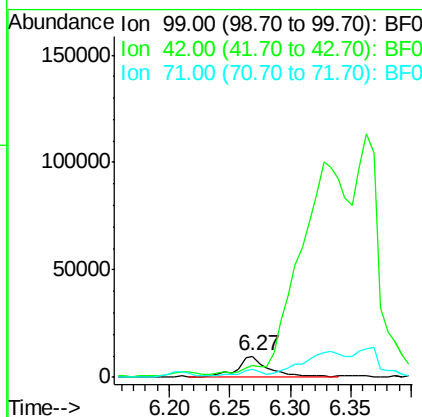
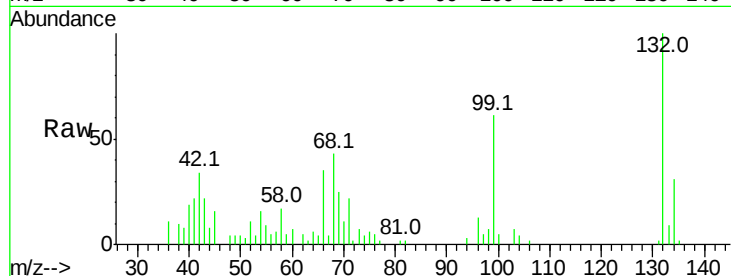
ClientSampleId :

WW-1-2-3-COMP

Tot Ion:	99	Resp:	18646
Ion Ratio	Lower	Upper	
99	100		
42	55.8	13.5	20.3#
71	35.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

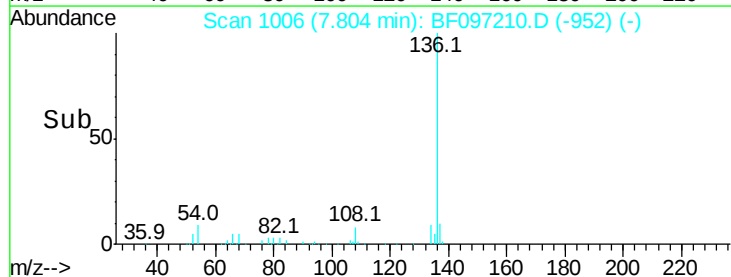
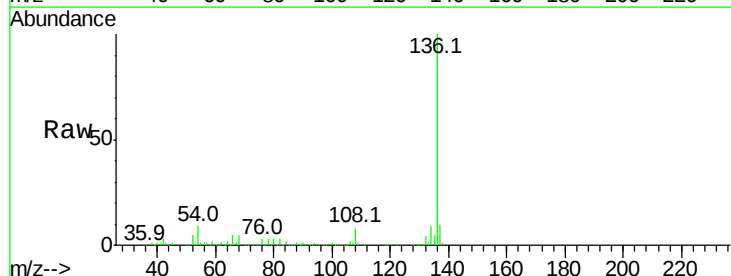
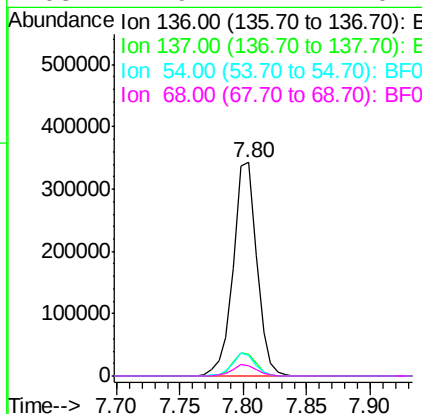
RT: 7.80 min Scan# 1006

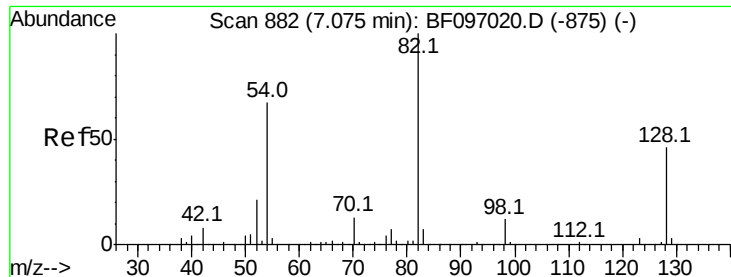
Delta R.T. 0.02 min

Lab File: BF097210.D

Acq: 31 Jul 2017 16:19

Tgt Ion:	136	Resp:	439424
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.5	12.7
54	9.5	4.9	7.3#
68	4.9	4.1	6.1





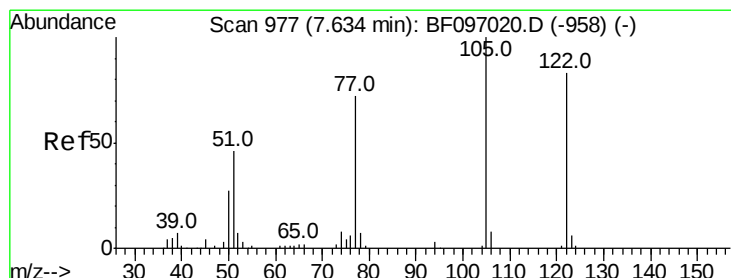
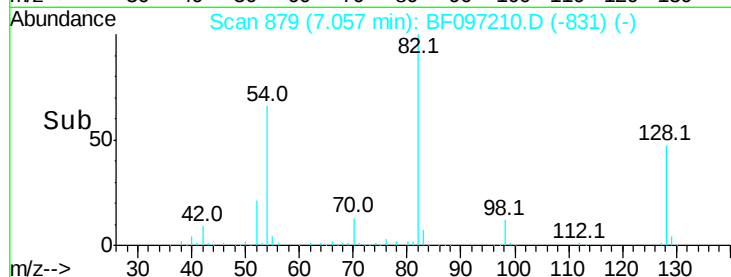
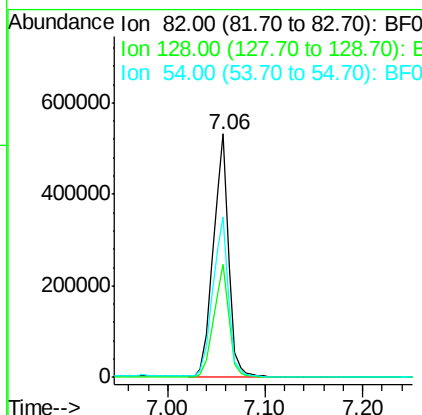
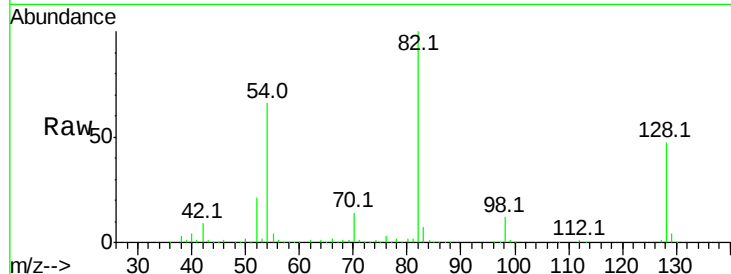
#23
Nitrobenzene-d5
Concen: 76.839 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097210.D
Acq: 31 Jul 2017 16:19

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	65.8	42.2	63.2#

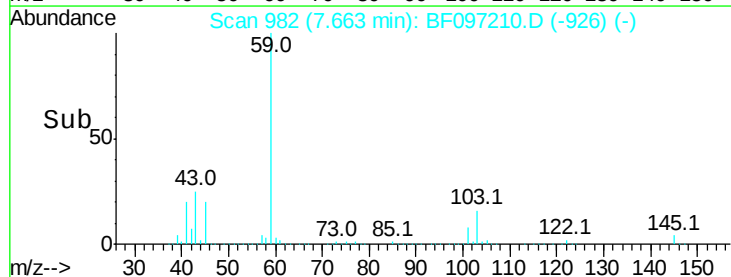
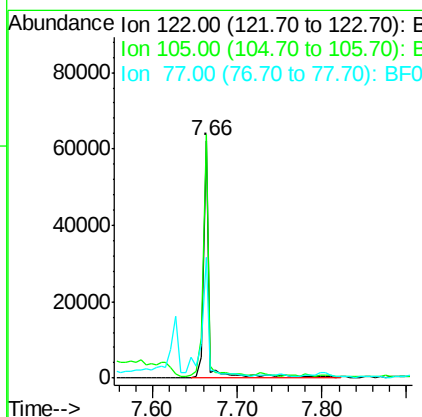
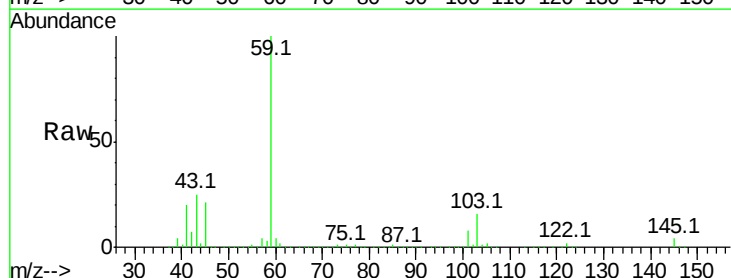
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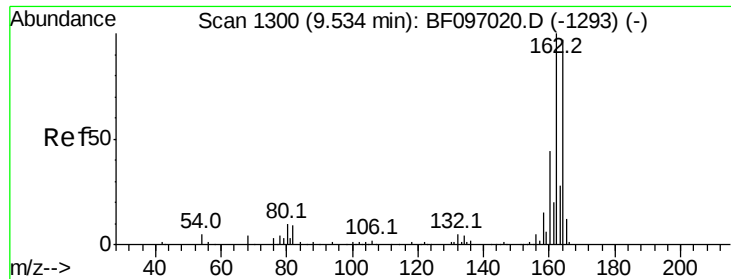
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#32
Benzoic acid
Concen: 5.880 ng m
RT: 7.66 min Scan# 982
Delta R.T. 0.03 min
Lab File: BF097210.D
Acq: 31 Jul 2017 16:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	102.5	103.3	143.3#
77	50.6	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: BF097210.D

Acq: 31 Jul 2017 16:19

Instrument :

BNA_F

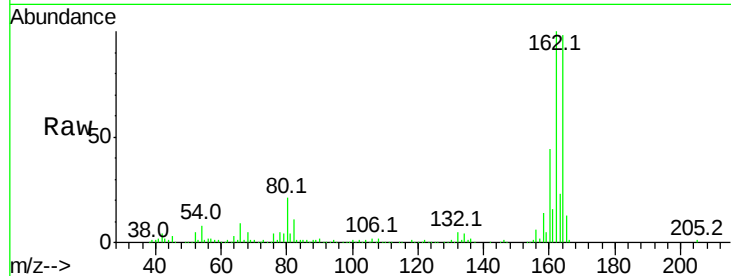
ClientSampleId :

WW-1-2-3-COMP

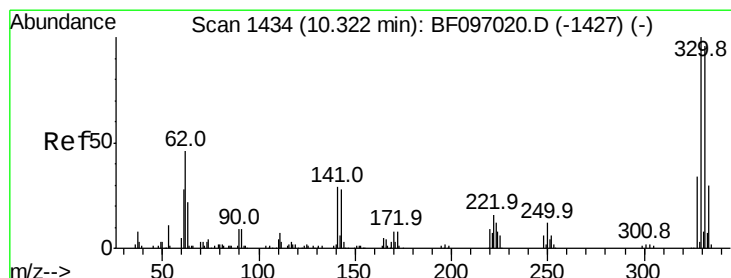
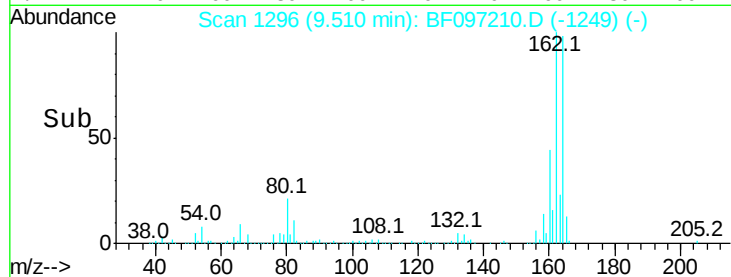
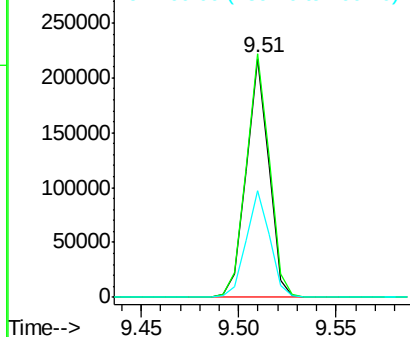
Tot Ion:	164	Resp:	174721
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.6	123.8
160	44.9	36.2	54.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 65.532 ng

RT: 10.30 min Scan# 1430

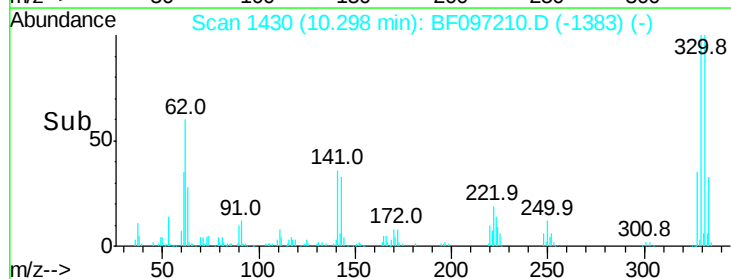
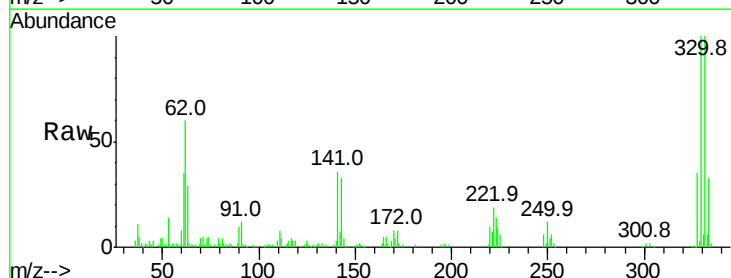
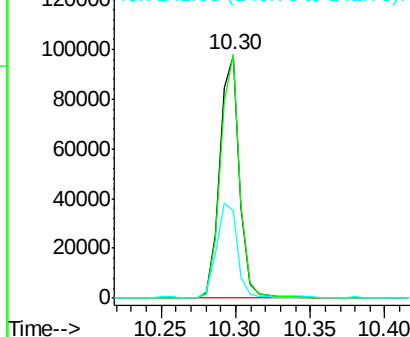
Delta R.T. -0.02 min

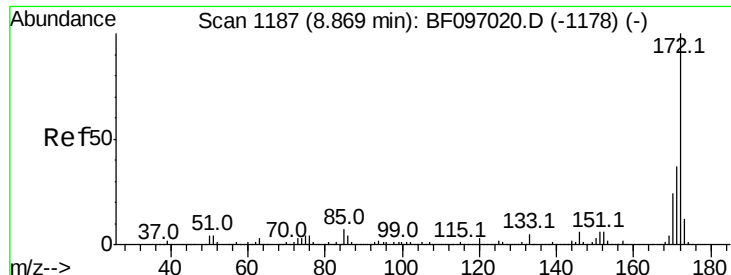
Lab File: BF097210.D

Acq: 31 Jul 2017 16:19

Tgt Ion:	330	Resp:	90465
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.6	115.0
141	41.3	31.4	47.2

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





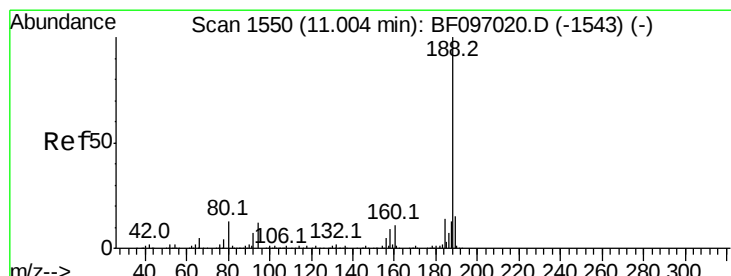
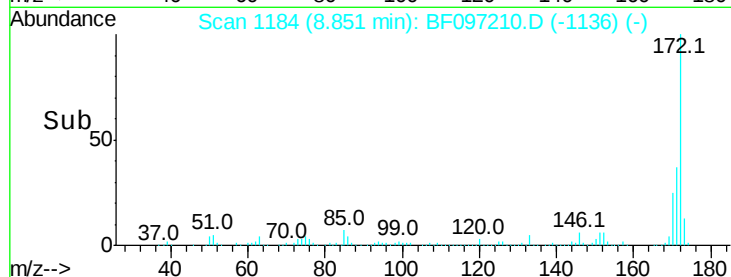
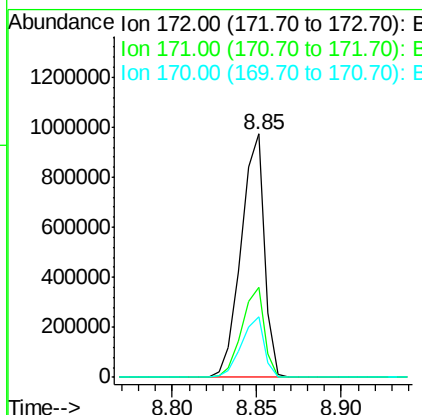
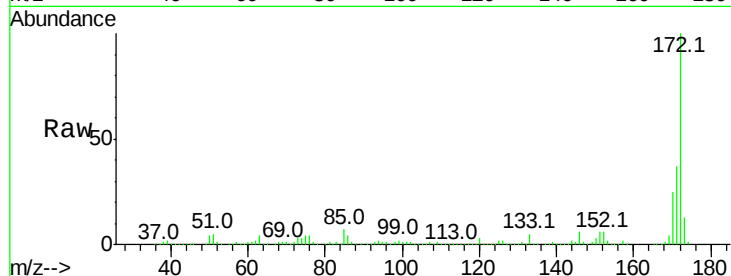
#44
 2-Fluorobiphenyl
 Concen: 90.941 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097210.D
 Acq: 31 Jul 2017 16:19

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.8	19.8	29.8

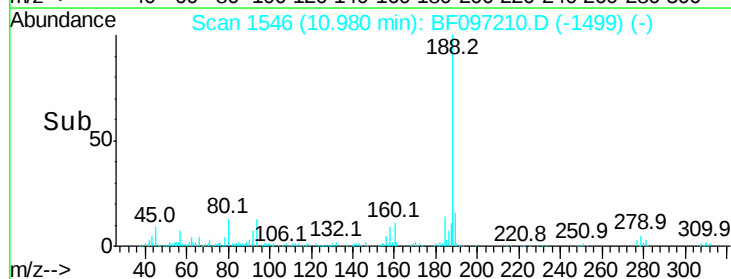
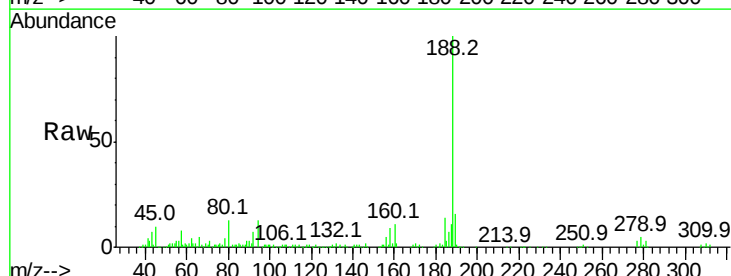
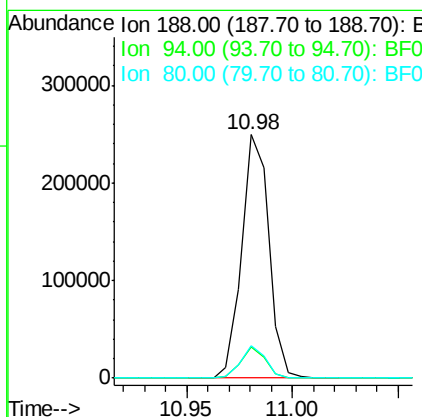
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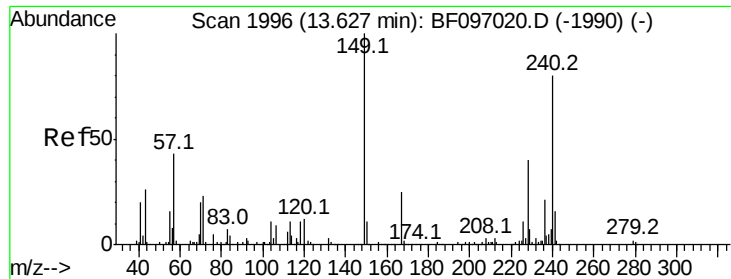
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF097210.D
 Acq: 31 Jul 2017 16:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.2
80	13.1	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: BF097210.D

Acq: 31 Jul 2017 16:19

Instrument :

BNA_F

ClientSampleId :

WW-1-2-3-COMP

Tot Ion:240 Resp: 206092
Ion Ratio Lower Upper

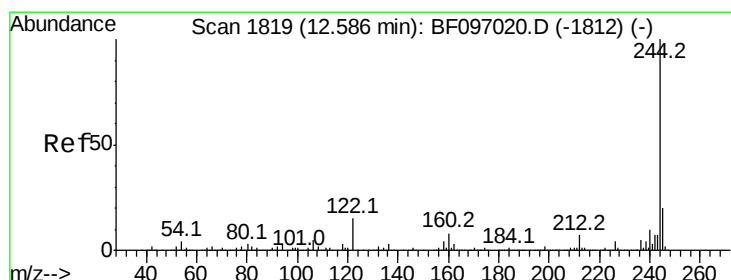
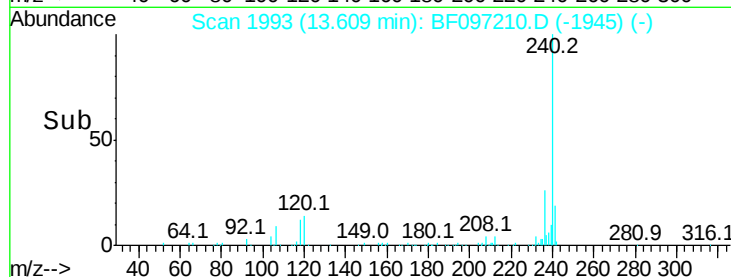
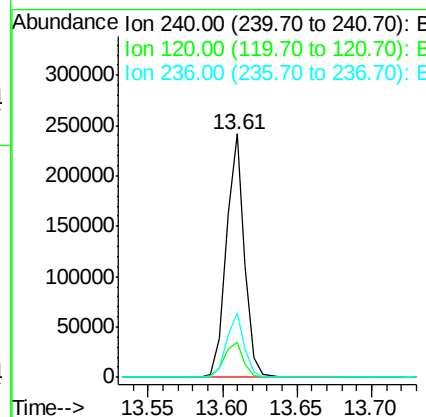
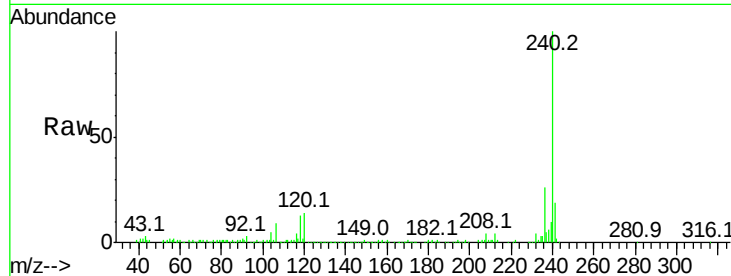
240 100

120 14.4 5.8 8.8#

236 26.4 20.5 30.7

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#78

Terphenyl-d14

Concen: 52.411 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097210.D

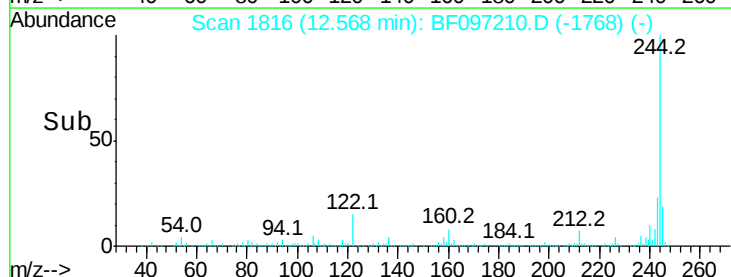
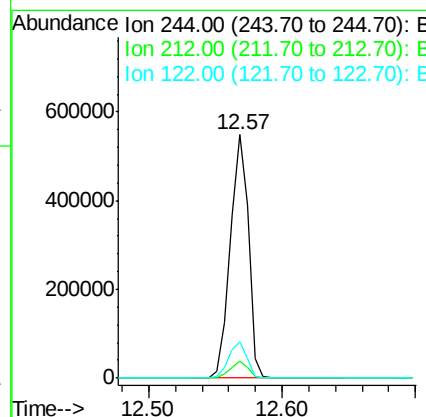
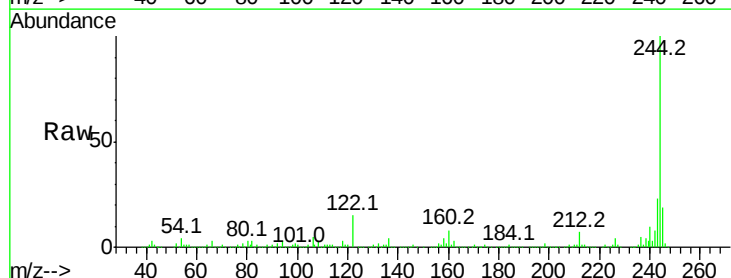
Acq: 31 Jul 2017 16:19

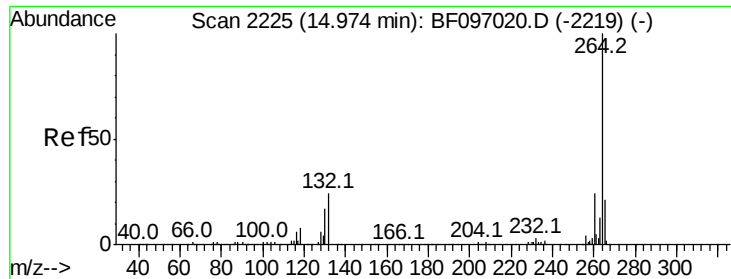
Tgt Ion:244 Resp: 529783
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 14.9 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: BF097210.D
Acq: 31 Jul 2017 16:19

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

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.3	17.2	25.8

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