

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
 Data File : BF089694.D
 Acq On : 9 Aug 2016 18:24
 Operator : UM/SJ
 Sample : H4365-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
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 8/10/2016 9:21:49 AM

Quant Time: Aug 09 19:03:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	40239	20.00	ng	-0.01
21) Naphthalene-d8	9.46	136	143203	20.00	ng	-0.01
38) Acenaphthene-d10	12.36	164	117129	20.00	ng	0.07
63) Phenanthrene-d10	14.72	188	93388	20.00	ng	0.02
75) Chrysene-d12	18.46	240	28426	20.00	ng	0.07
86) Perylene-d12	20.08	264	87455	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1263	0.53	ng	0.17
7) Phenol-d6	7.07	99	59205	18.18	ng	0.09
23) Nitrobenzene-d5	8.34	82	237872	91.88	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	43076m	44.56	ng	0.07
44) 2-Fluorobiphenyl	11.26	172	451925	50.14	ng	0.00
78) Terphenyl-d14	17.18	244	179939m	124.96	ng	0.13
Target Compounds						
4) n-Nitrosodimethylamine	2.43	42	8135m	12.37	ng	Qvalue
9) Benzaldehyde	6.80	77	12349m	10.45	ng	
17) 2-Methylphenol	7.76	107	17858	8.39	ng	# 30
45) 1,1'-Biphenyl	11.40	154	117097m	11.09	ng	
49) Dimethylphthalate	12.00	163	29053	3.16	ng	# 79

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

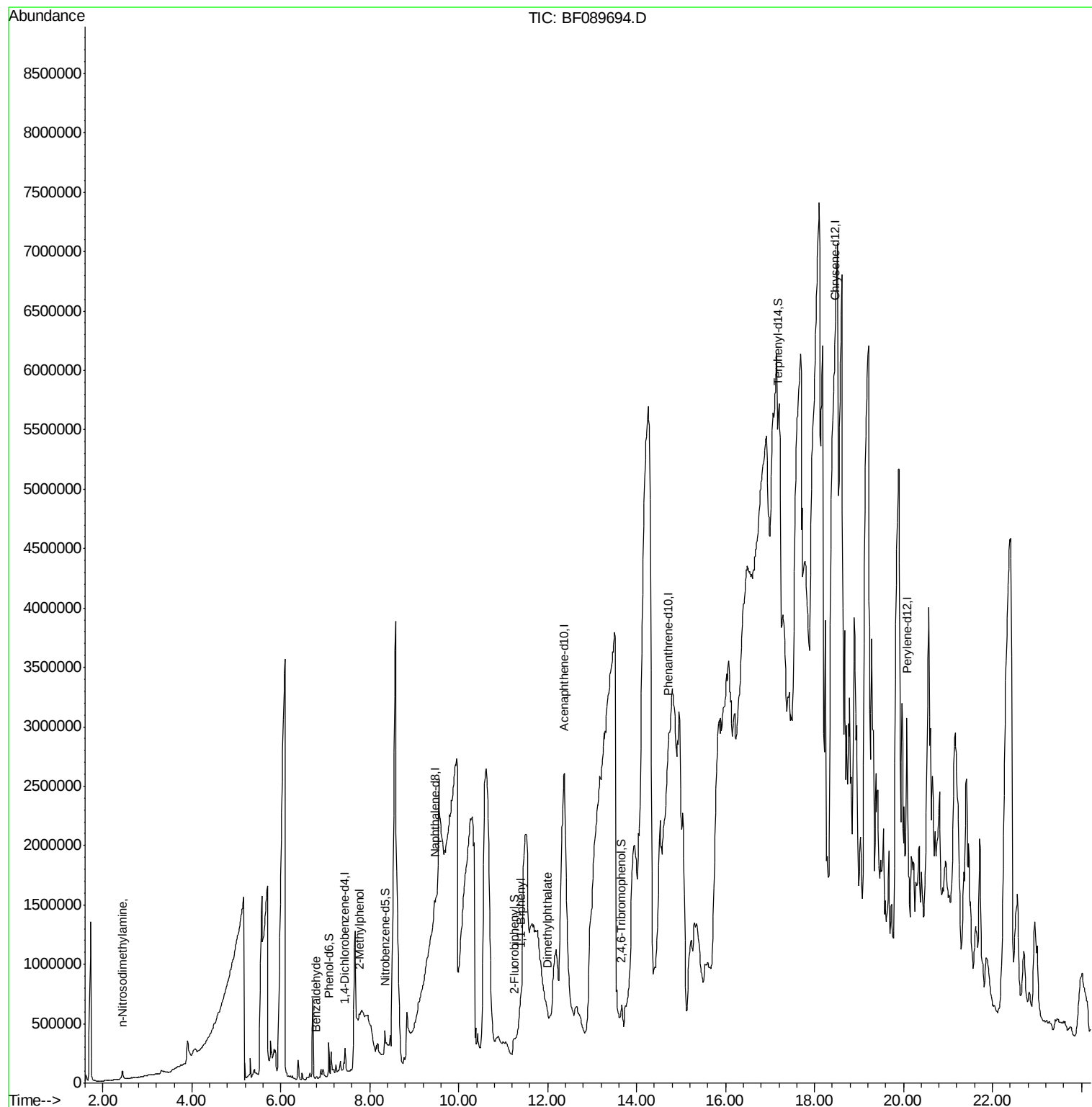
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
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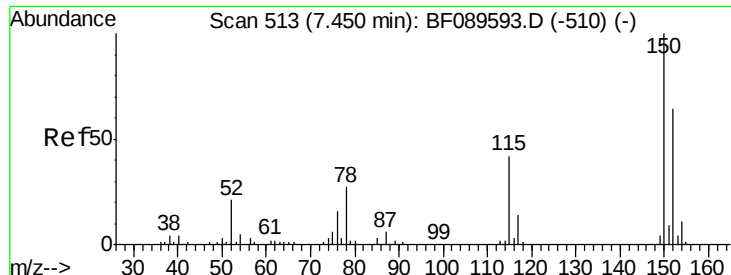
Instrument :
BNA_F
ClientSampleId :
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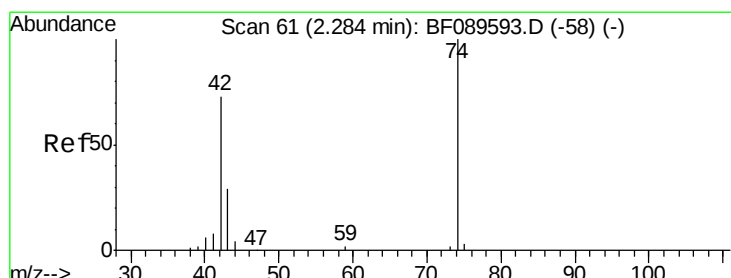
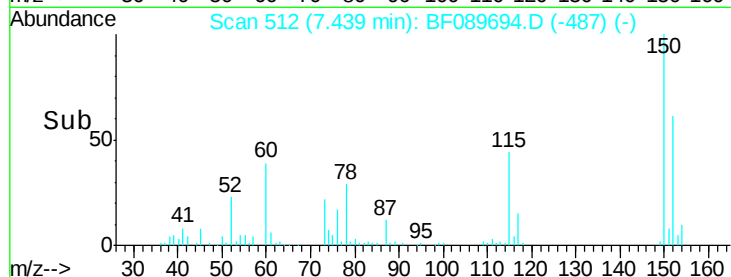
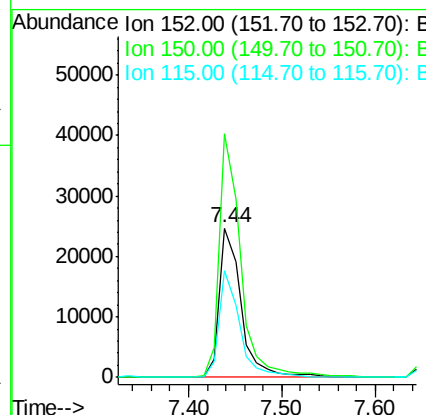
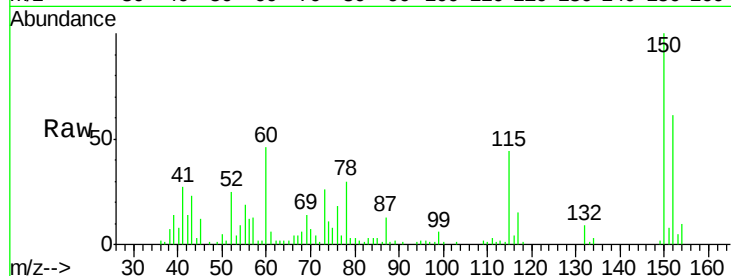
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF089694.D
 Acq: 9 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampled :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	125.5	188.3
115	71.4	52.0	78.0

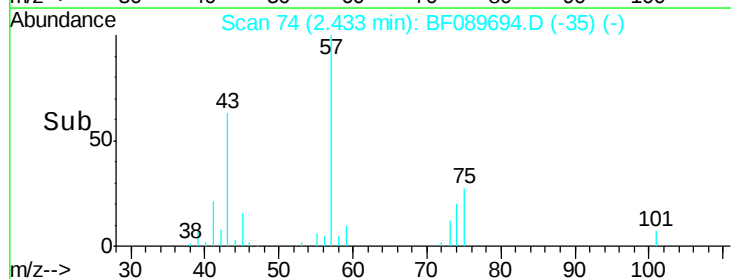
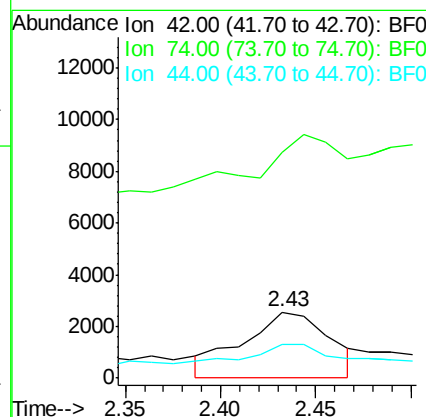
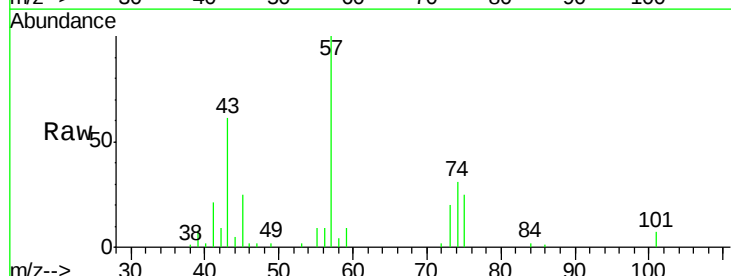
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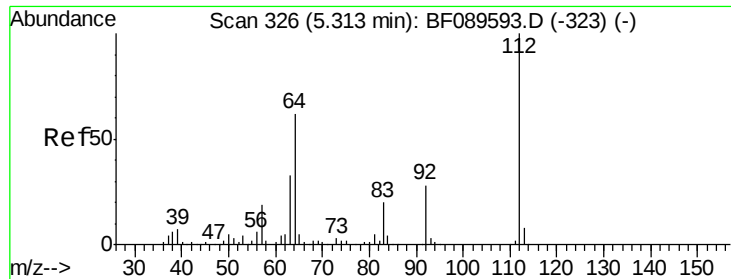
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#4
 n-Nitrosodimethylamine
 Concen: 12.37 ng m
 RT: 2.43 min Scan# 74
 Delta R.T. 0.15 min
 Lab File: BF089694.D
 Acq: 9 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	340.0	110.0	165.0#
44	51.2	4.8	7.2#





#5

2-Fluorophenol

Concen: 0.53 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.17 min

Lab File: BF089694.D

Acq: 9 Aug 2016 18:24

Instrument :

BNA_F

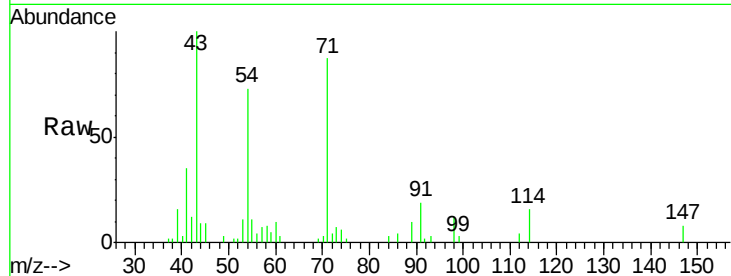
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EFF-WW

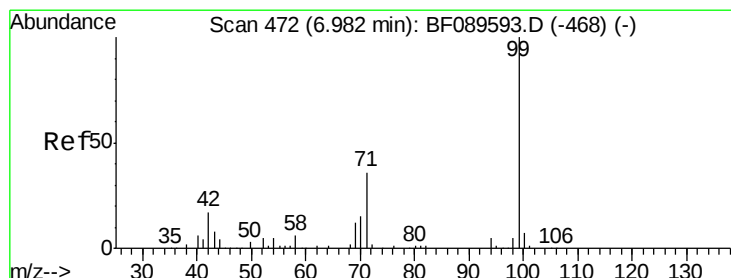
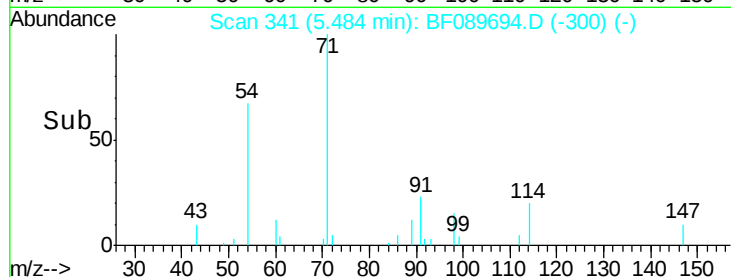
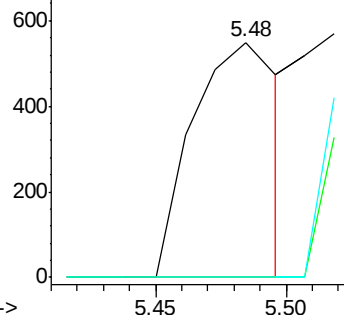
Tot Ion:	112	Resp:	1263
Ion Ratio	Lower	Upper	
112	100		
64	0.0	49.9	74.9#
63	0.0	26.1	39.1#

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Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 18.18 ng

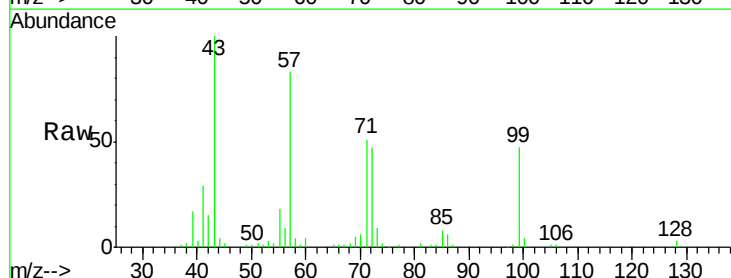
RT: 7.07 min Scan# 480

Delta R.T. 0.09 min

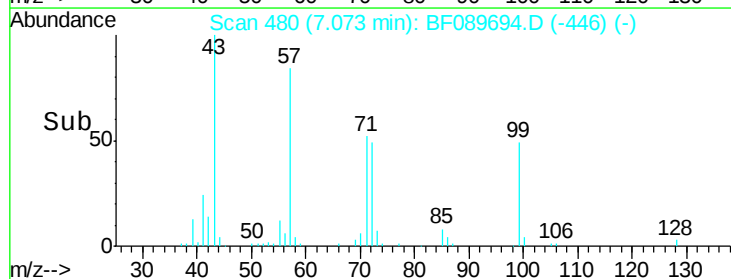
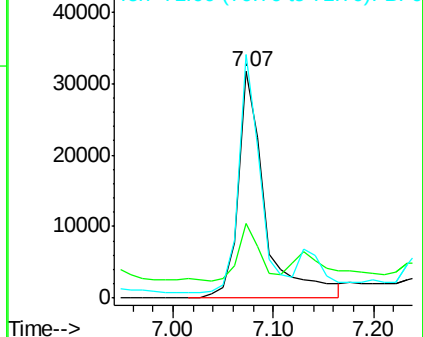
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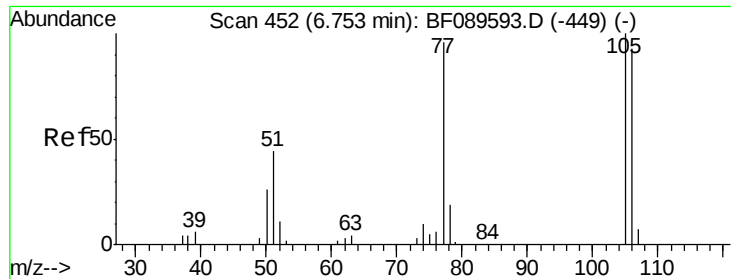
Acq: 9 Aug 2016 18:24

Tgt Ion:	99	Resp:	59205
Ion Ratio	Lower	Upper	
99	100		
42	32.7	13.7	20.5#
71	107.3	29.0	43.4#



Abundance Ion 99.00 (98.70 to 99.70): BF0





#9

Benzaldehyde

Concen: 10.45 ng/ml

RT: 6.80 min Scan# 456

Delta R.T. 0.05 min

Lab File: BF089694.D

Acq: 9 Aug 2016 18:24

Instrument :

BNA_F

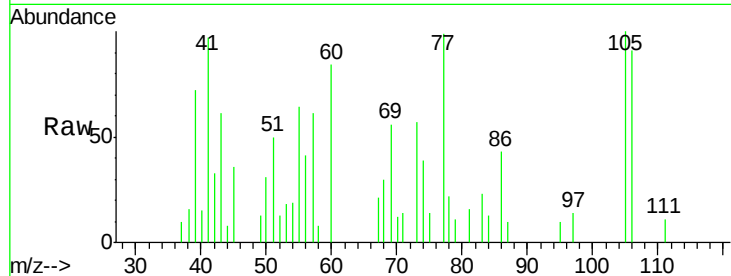
ClientSampled :

EFF-WW

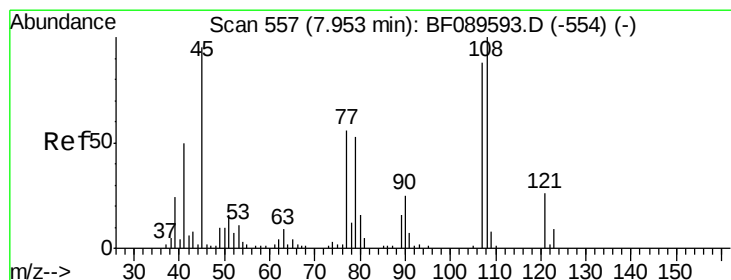
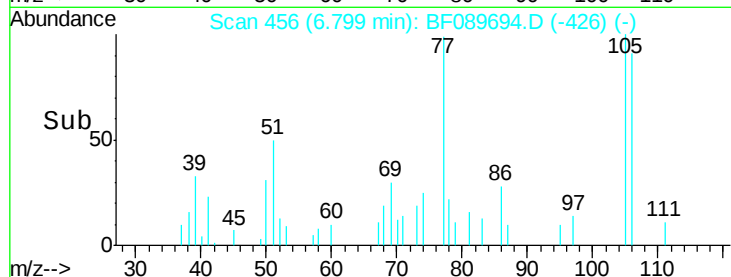
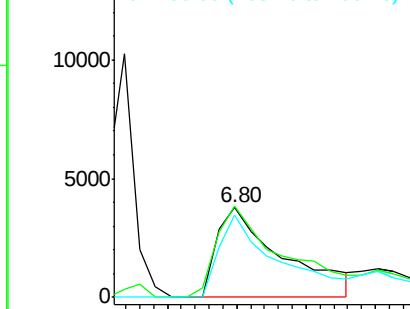
Tot Ion:	77	Resp:	12349
Ion	Ratio	Lower	Upper
77	100		
105	101.0	84.7	124.7
106	91.4	77.1	117.1

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#17

2-Methylphenol

Concen: 8.39 ng

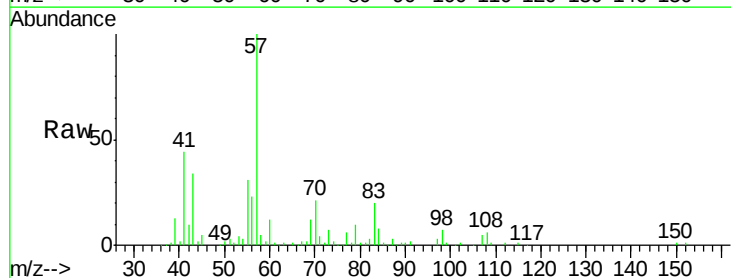
RT: 7.76 min Scan# 540

Delta R.T. -0.19 min

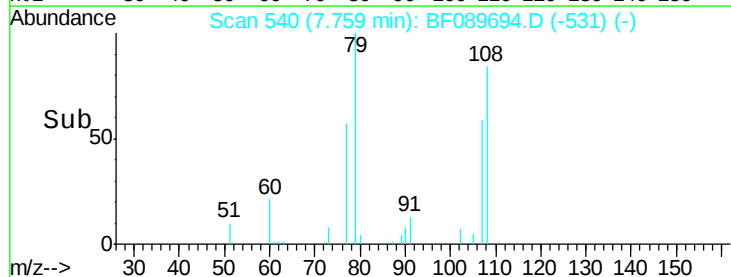
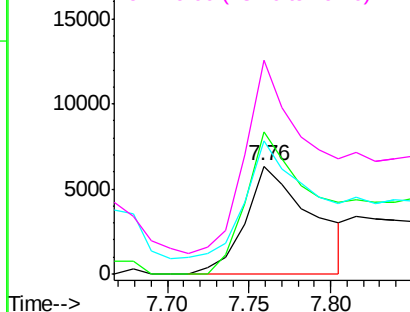
Lab File: BF089694.D

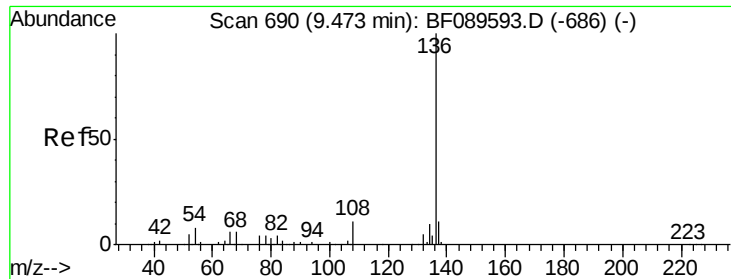
Acq: 9 Aug 2016 18:24

Tgt Ion:	107	Resp:	17858
Ion	Ratio	Lower	Upper
107	100		
108	132.0	91.2	136.8
77	123.3	54.6	82.0#
79	197.8	52.7	79.1#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF089694.D

Acq: 9 Aug 2016 18:24

Instrument :

BNA_F

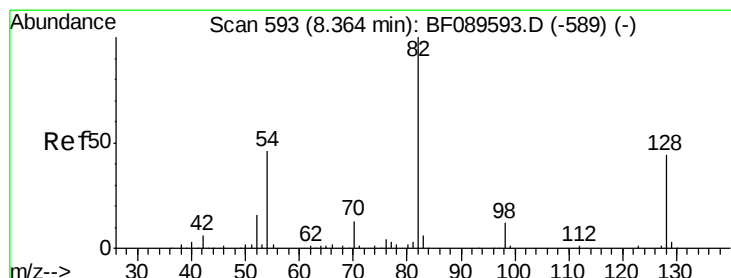
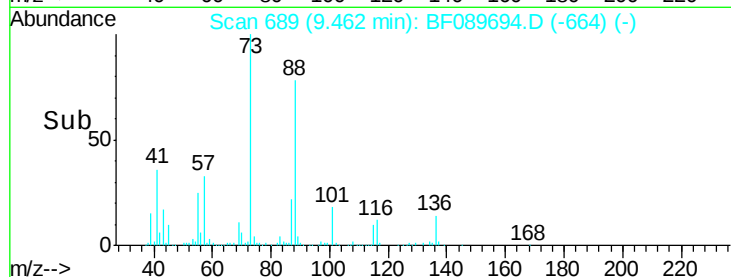
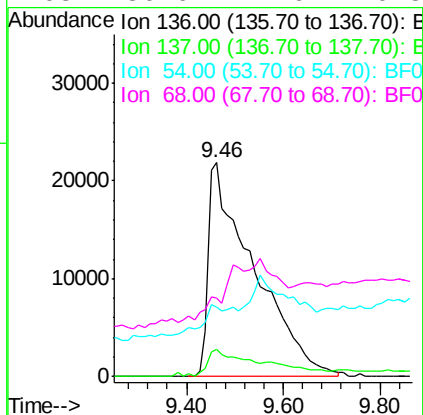
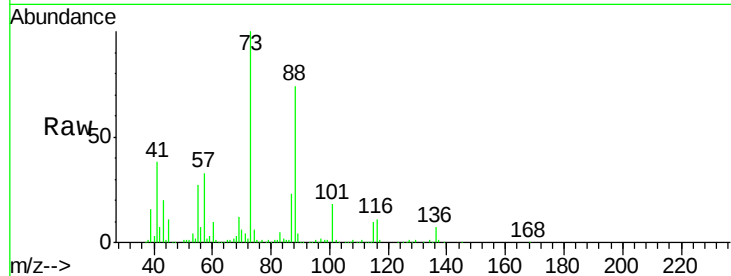
ClientSampleId :

EFF-WW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		143203		
137	12.7	8.6	12.8		
54	32.4	6.0	9.0#		
68	36.6	4.6	6.8#		

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#23

Nitrobenzene-d5

Concen: 91.88 ng

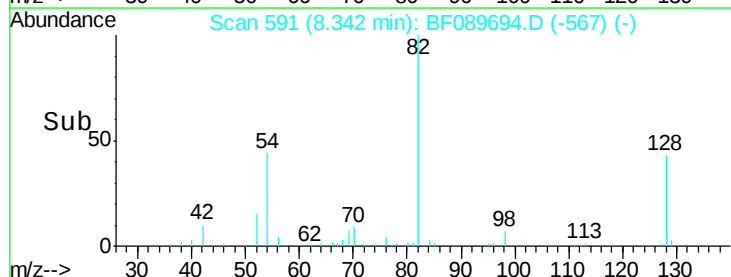
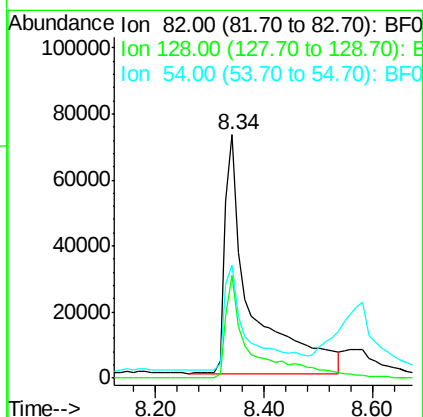
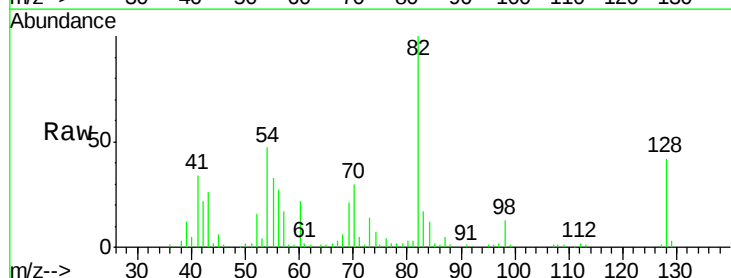
RT: 8.34 min Scan# 591

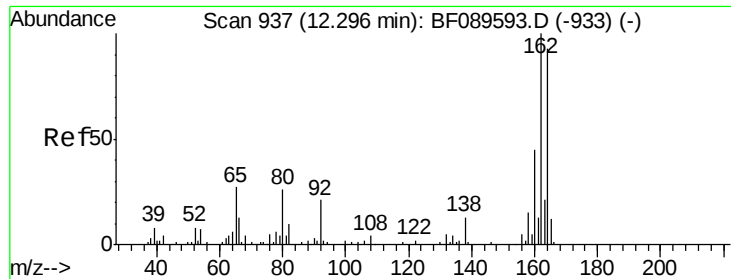
Delta R.T. -0.02 min

Lab File: BF089694.D

Acq: 9 Aug 2016 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		237872		
128	42.1	35.4	53.0		
54	46.5	36.4	54.6		





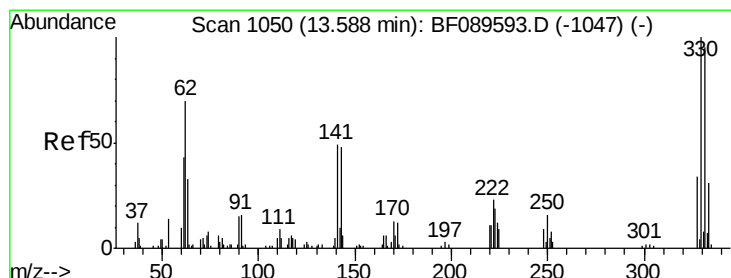
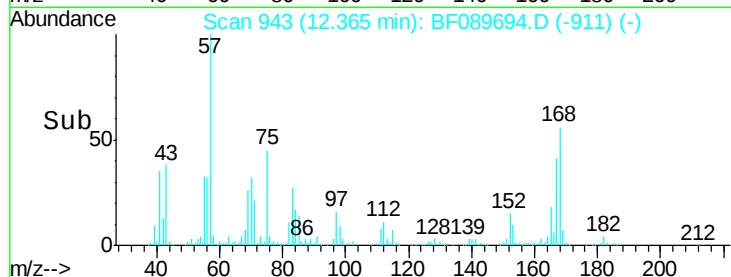
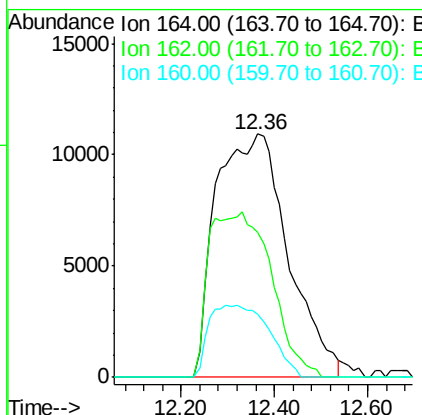
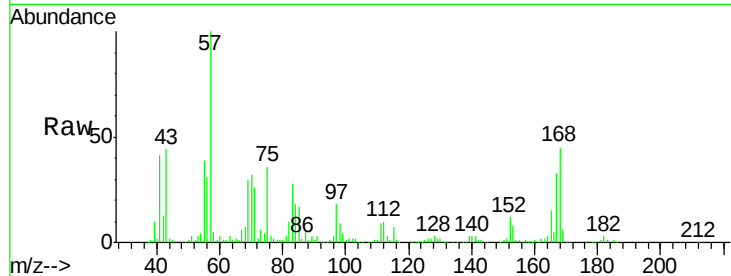
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Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 943
Delta R.T. 0.07 min
Lab File: BF089694.D
Acq: 9 Aug 2016 18:24

Instrument :
BNA_F
ClientSampled :
EFF-WW

Tot Ion	Ratio	Lower	Upper
164	100		
162	59.6	85.7	128.5#
160	25.8	38.2	57.4#

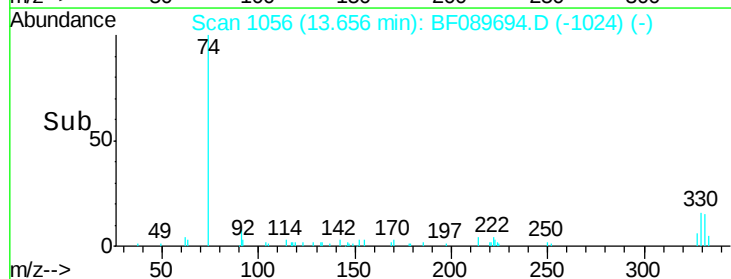
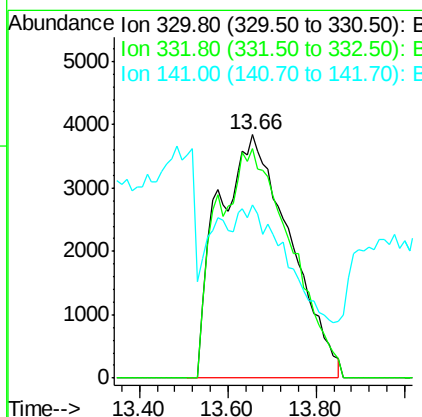
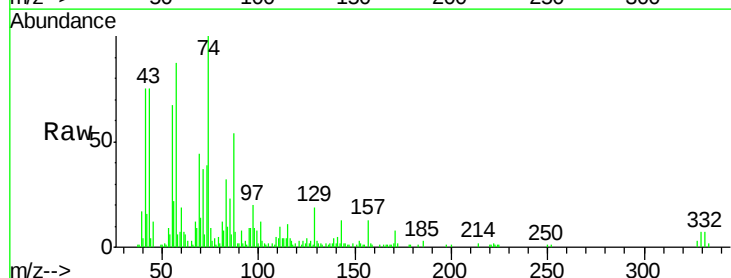
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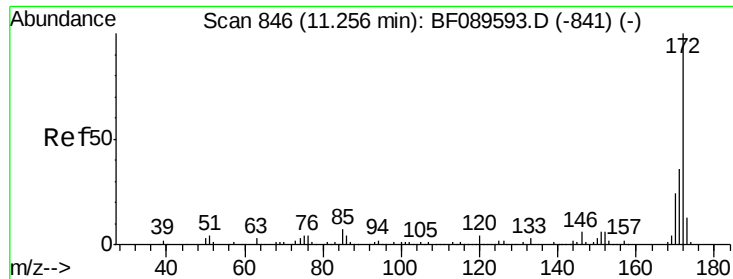
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#41
2,4,6-Tribromophenol
Concen: 44.56 ng m
RT: 13.66 min Scan# 1056
Delta R.T. 0.07 min
Lab File: BF089694.D
Acq: 9 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	70.3	77.0	115.6#
141	31.3	38.6	57.8#





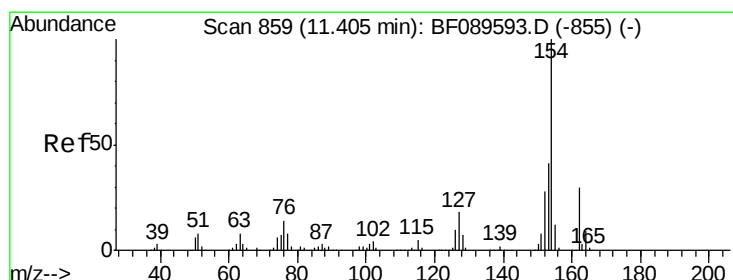
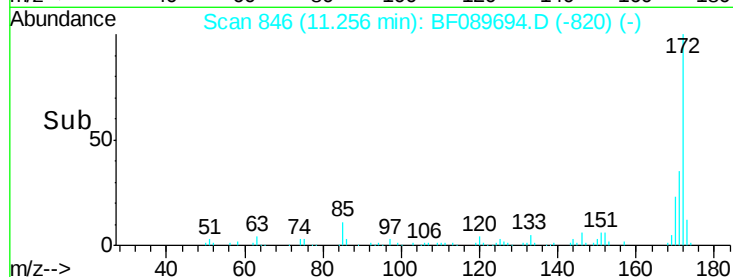
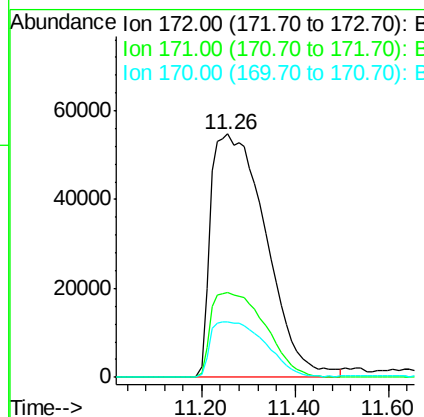
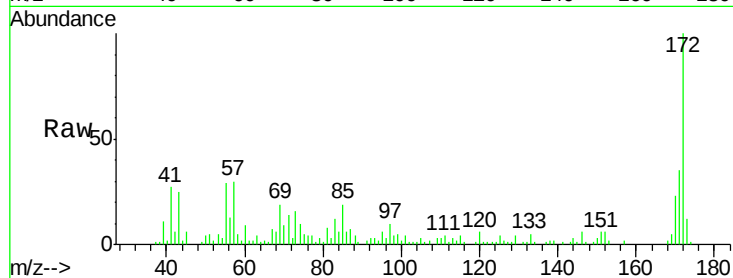
#44
 2-Fluorobiphenyl
 Concen: 50.14 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089694.D
 Acq: 9 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	23.0	19.0	28.6

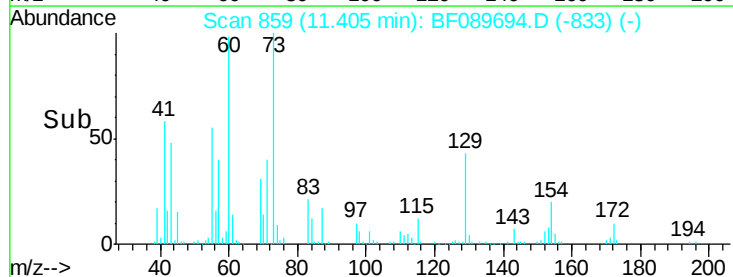
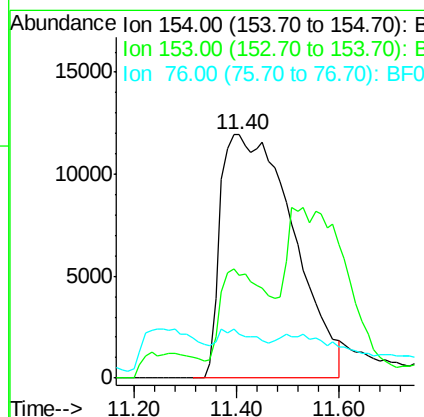
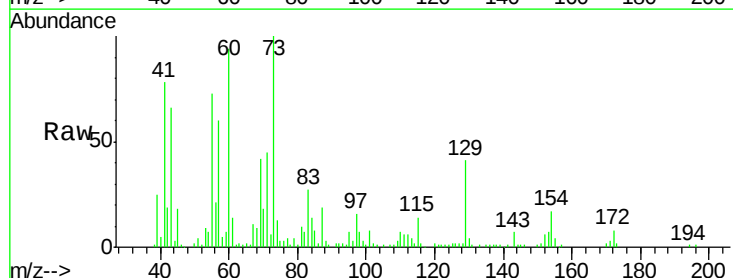
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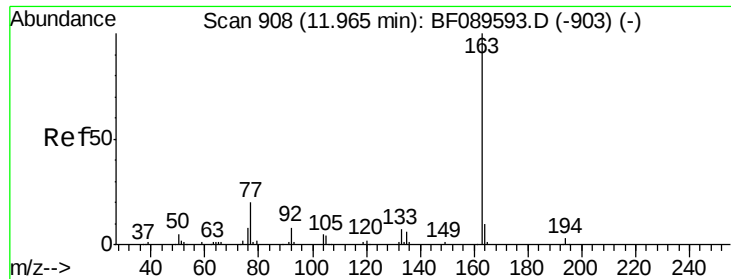
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#45
 1,1'-Biphenyl
 Concen: 11.09 ng m
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF089694.D
 Acq: 9 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.6	60.6
76	17.9	0.0	33.7





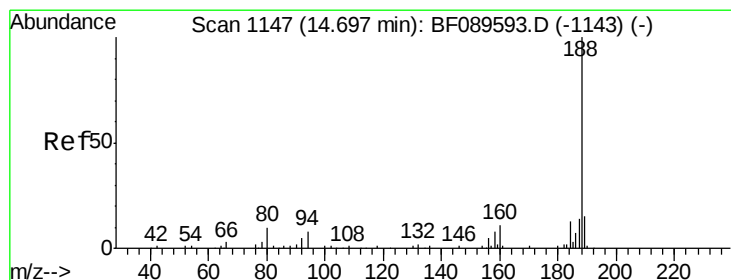
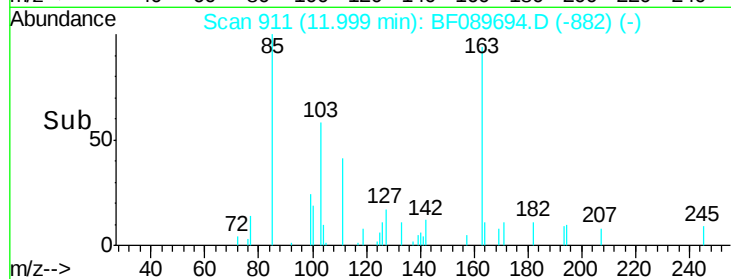
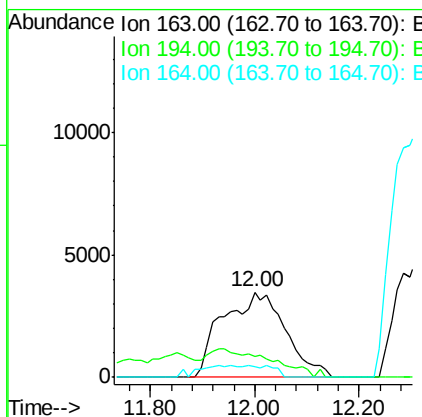
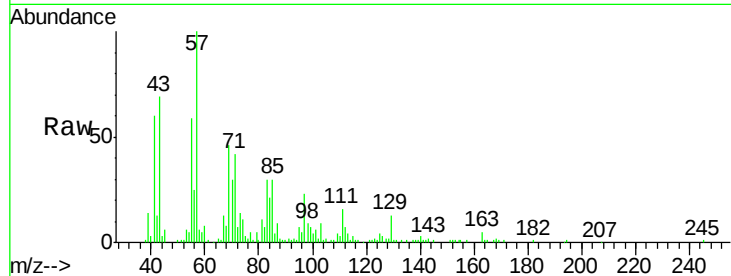
#49
Dimethylphthalate
Concen: 3.16 ng
RT: 12.00 min Scan# 911
Delta R.T. 0.03 min
Lab File: BF089694.D
Acq: 9 Aug 2016 18:24

Instrument :
BNA_F
ClientSampled :
EFF-WW

Tot Ion	Ratio	Lower	Upper
163	100		
194	24.7	2.7	4.1#
164	12.0	7.8	11.6#

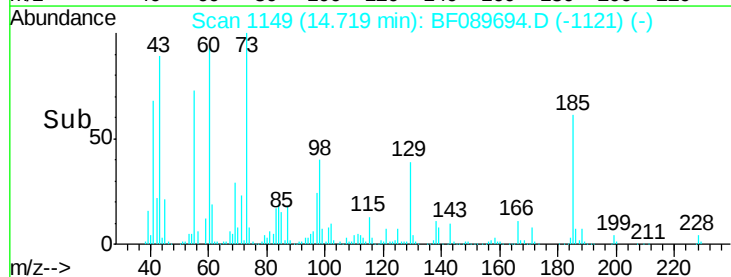
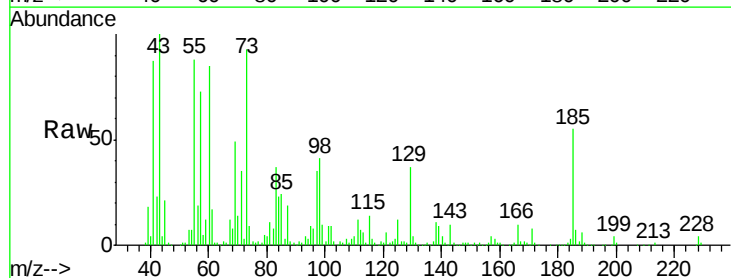
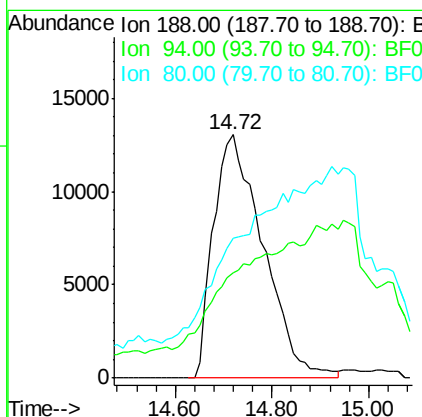
Manual Integrations
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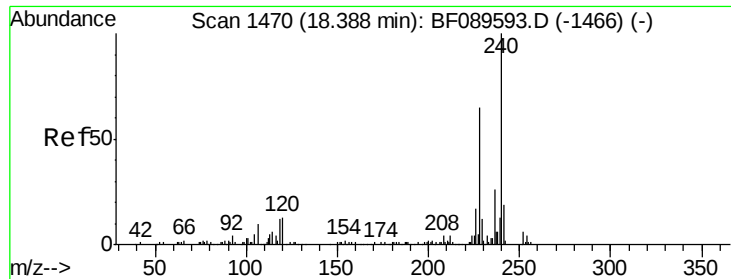
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF089694.D
Acq: 9 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	43.3	6.5	9.7#
80	57.5	8.0	12.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. 0.07 min

Lab File: BF089694.D

Acq: 9 Aug 2016 18:24

Instrument :

BNA_F

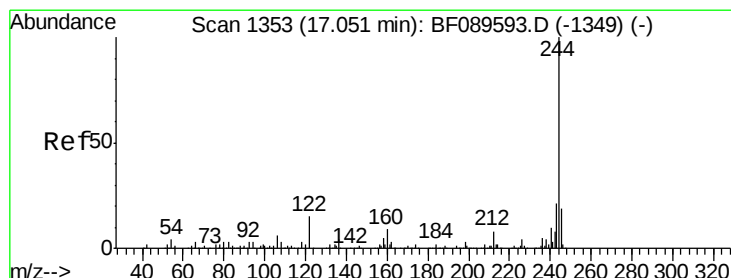
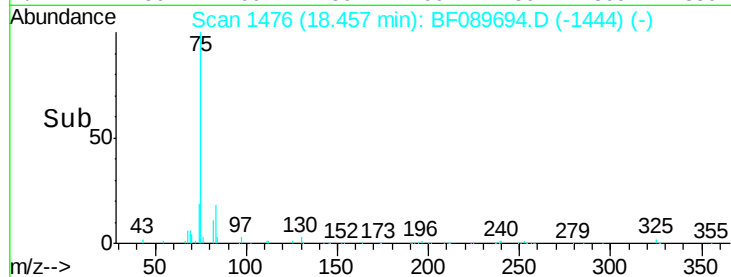
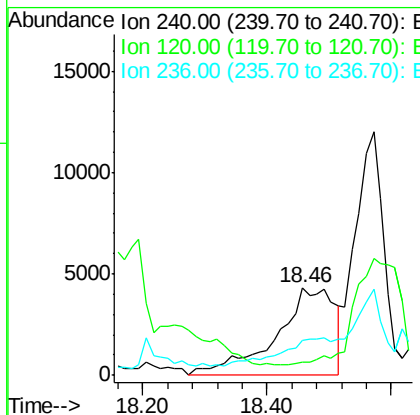
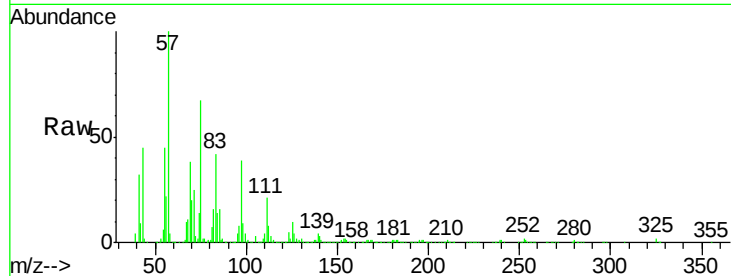
ClientSampled :

EFF-WW

Tot Ion:	240	Resp:	28426
Ion Ratio	Lower	Upper	
240	100		
120	14.3	10.6	15.8
236	40.3	20.6	30.8#

Manual Integrations
APPROVED

sohil
8/10/2016 9:21:49 AM



#78

Terphenyl-d14

Concen: 124.96 ng m

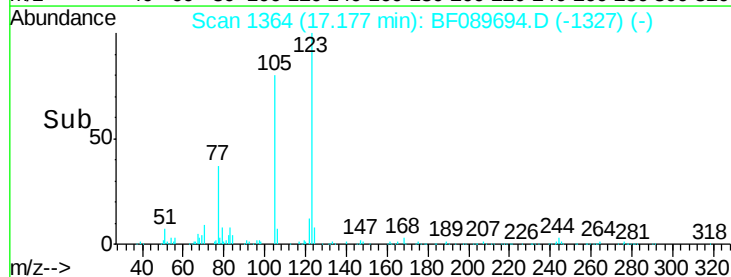
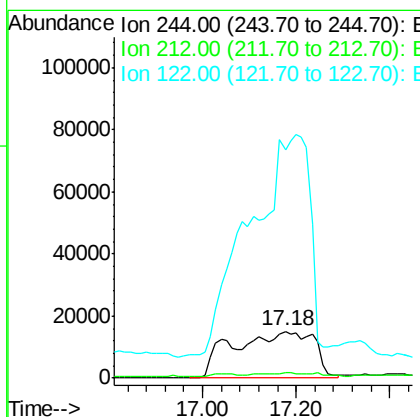
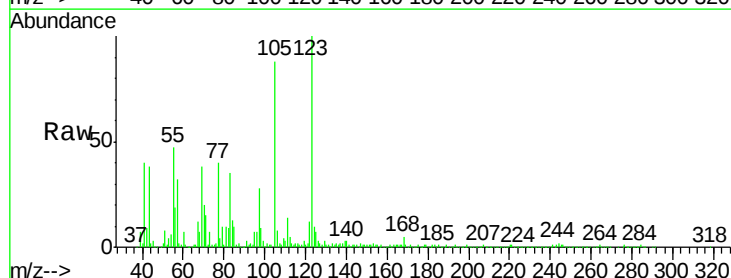
RT: 17.18 min Scan# 1364

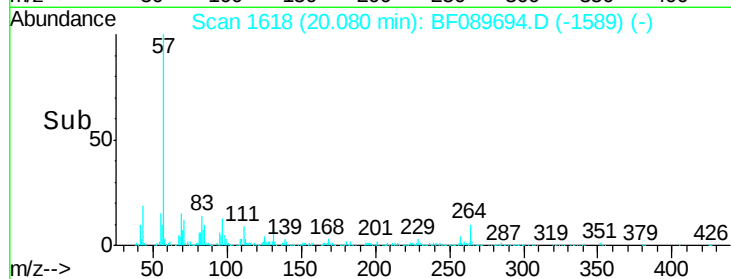
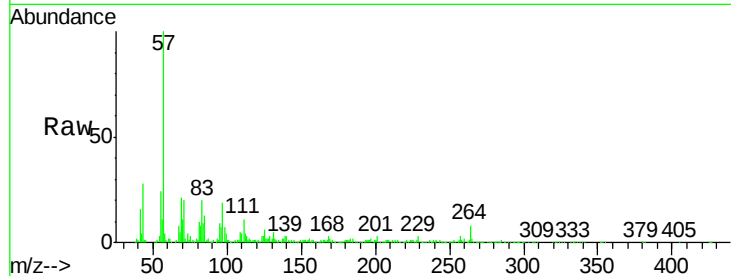
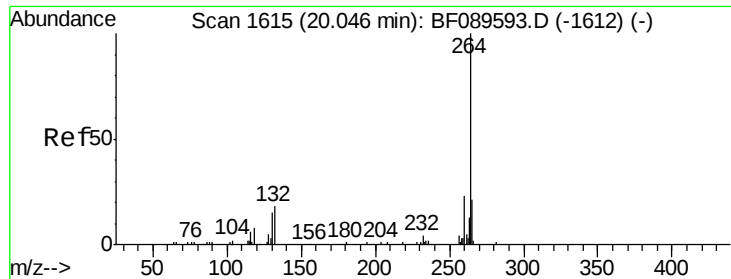
Delta R.T. 0.13 min

Lab File: BF089694.D

Acq: 9 Aug 2016 18:24

Tgt Ion:	244	Resp:	179939
Ion Ratio	Lower	Upper	
244	100		
212	10.6	6.4	9.6#
122	488.3	12.2	18.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.03 min
Lab File: BF089694.D
Acq: 9 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	25.2	16.5	24.7

Manual Integrations
APPROVED

sohil
8/10/2016 9:21:49 AM

