

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088324.D
 Acq On : 24 Jun 2016 9:30
 Operator : UM/SJ
 Sample : H3084-01 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-160512

Manual Integrations
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Quant Time: Jun 24 11:54:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	18925	5.00	ng	-0.01
21) Naphthalene-d8	7.88	136	67632	5.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	38960	5.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	66387	5.00	ng	-0.02
75) Chrysene-d12	13.73	240	47341	5.00	ng	-0.02
86) Perylene-d12	15.09	264	42395	5.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	540	0.12	ng	0.05
7) Phenol-d6	6.28	99	741	0.14	ng	0.02
23) Nitrobenzene-d5	7.18	82	1858m	0.40	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	516	0.31	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.67	244	3112	0.37	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.02	88	375067	174.32	ng	Qvalue # 41
10) Phenol	6.28	94	154119	28.78	ng	100
11) bis(2-Chloroethyl)ether	6.33	93	120639	25.64	ng	93
13) 1,4-Dichlorobenzene	6.62	146	16097	2.84	ng	97
14) 1,2-Dichlorobenzene	6.76	146	68027m	13.20	ng	
17) 2-Methylphenol	6.89	107	148354	34.90	ng	98
20) 3+4-Methylphenols	7.07	107	841457	169.67	ng	# 73
27) 2,4-Dimethylphenol	7.60	122	412150	93.12	ng	# 93

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

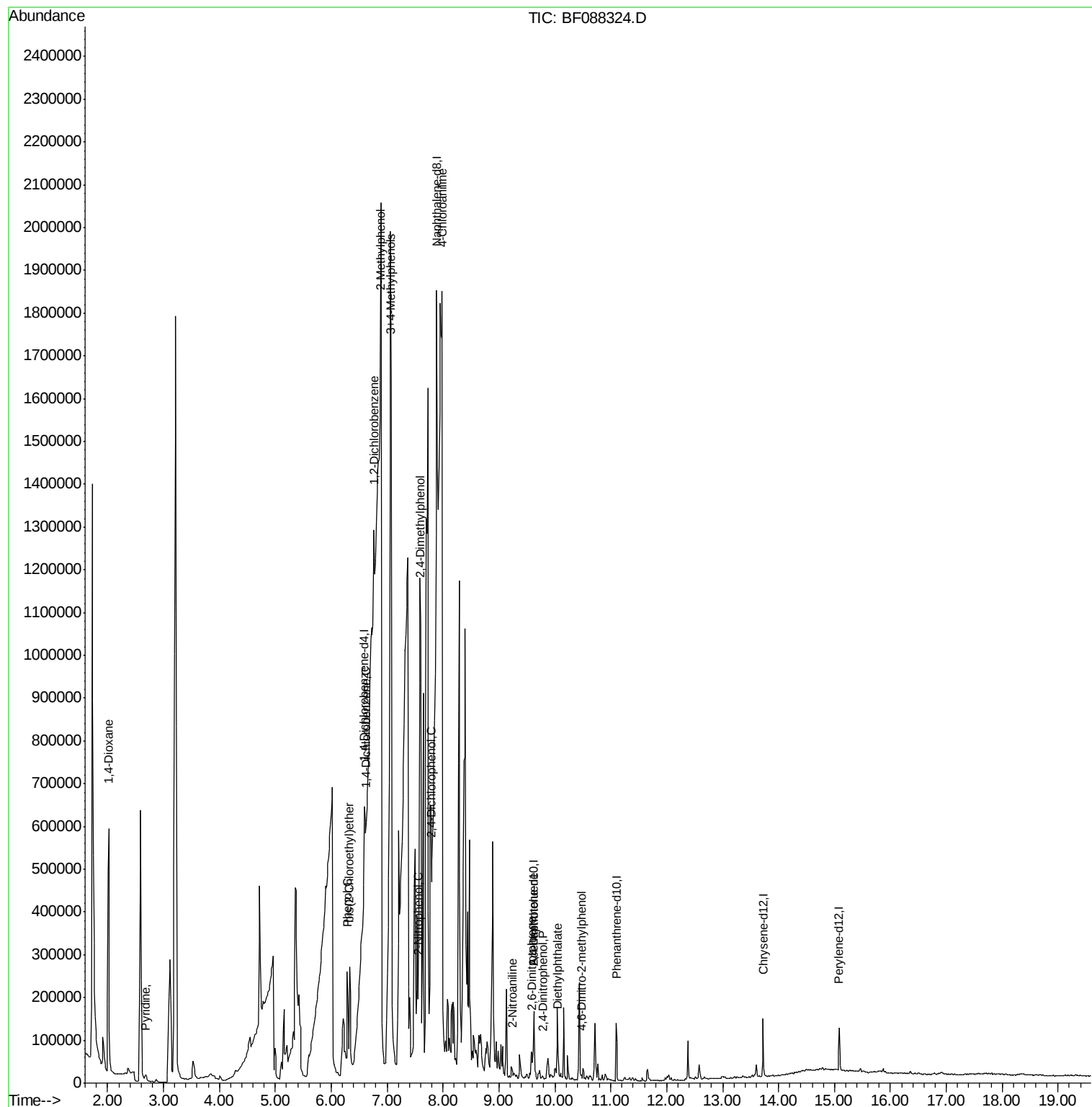
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088324.D
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Misc :
ALS Vial : 28 Sample Multiplier: 0.25

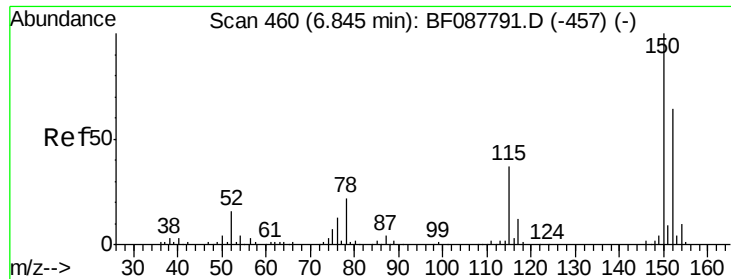
Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512

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Quant Time: Jun 24 11:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF088324.D

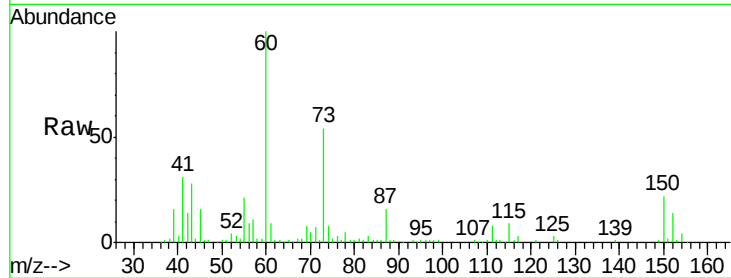
Acq: 24 Jun 2016 9:30

Instrument :

BNA_F

ClientSampleId :

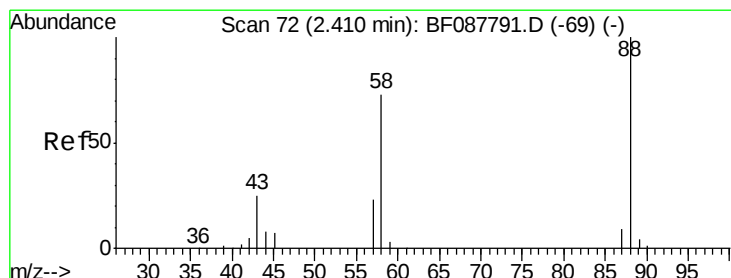
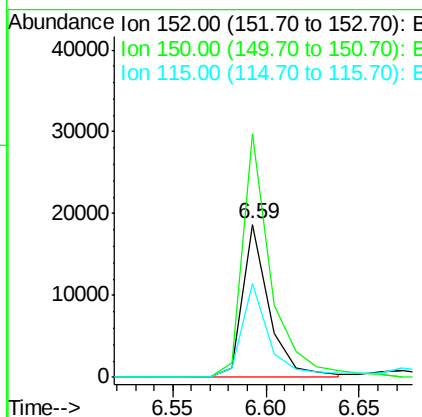
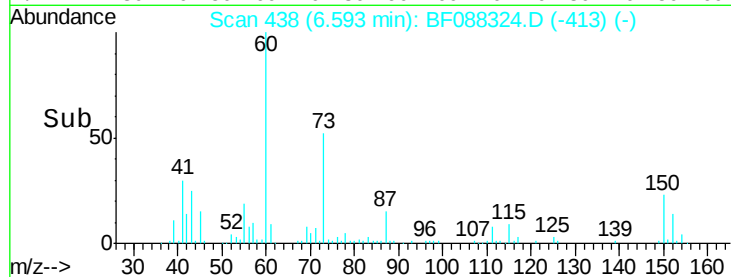
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Tgt Ion:	152	Resp:	18925
Ion Ratio	Lower	Upper	
152	100		
150	159.2	123.8	185.6
115	61.3	39.6	59.4#

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#2

1,4-Dioxane

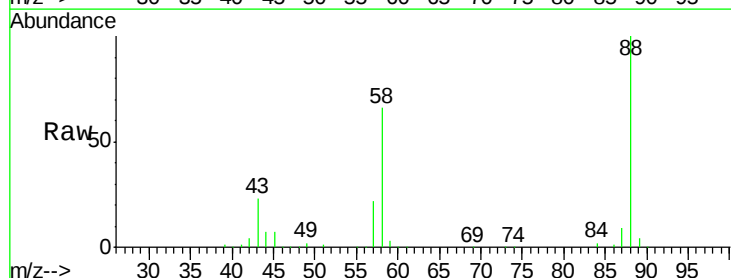
Concen: 174.32 ng

RT: 2.02 min Scan# 38

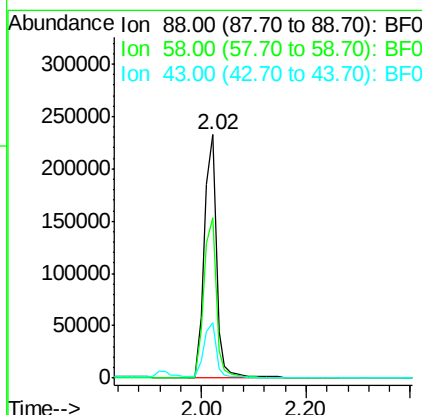
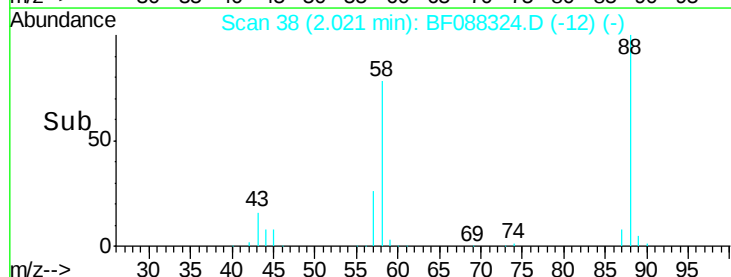
Delta R.T. -0.00 min

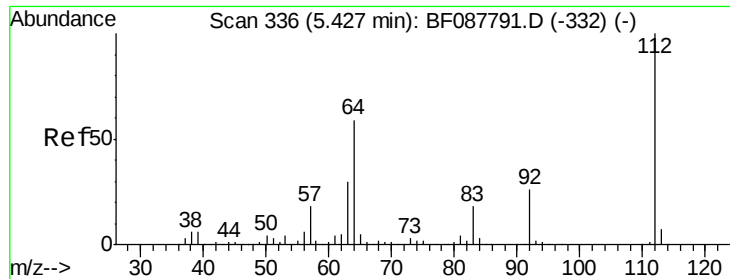
Lab File: BF088324.D

Acq: 24 Jun 2016 9:30



Tgt Ion:	88	Resp:	375067
Ion Ratio	Lower	Upper	
88	100		
58	68.8	0.0	0.0#
43	23.9	3.4	5.2#





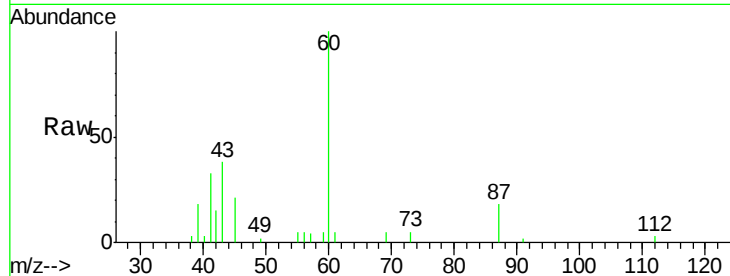
#5
 2-Fluorophenol
 Concen: 0.12 ng
 RT: 5.22 min Scan# 318
 Delta R.T. 0.05 min
 Lab File: BF088324.D
 Acq: 24 Jun 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	540		
64	0.0	42.2	63.2#	
63	0.0	21.8	32.8#	

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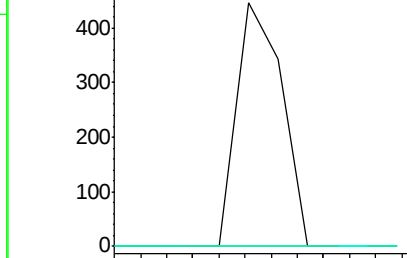


Abundance Ion 112.00 (111.70 to 112.70): E

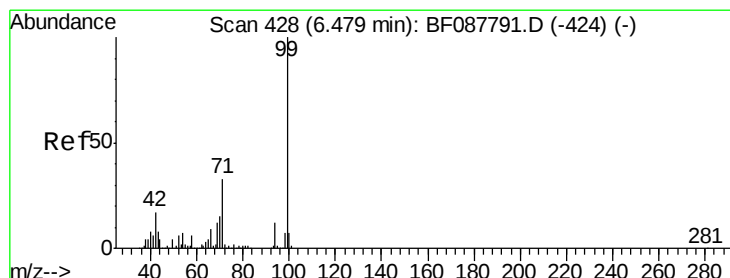
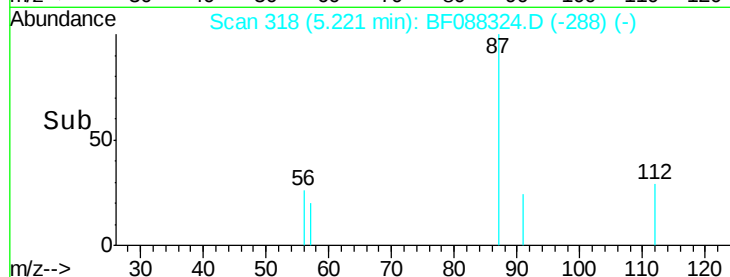
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.22

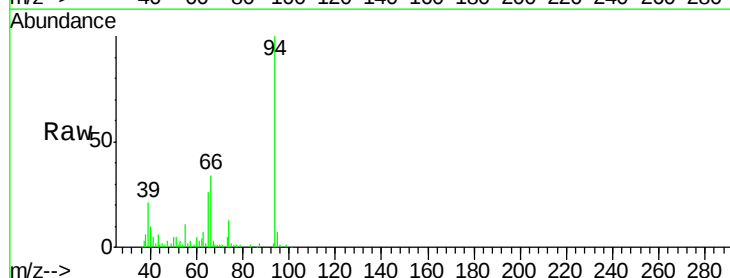


Time-->



#7
 Phenol-d6
 Concen: 0.14 ng
 RT: 6.28 min Scan# 411
 Delta R.T. 0.02 min
 Lab File: BF088324.D
 Acq: 24 Jun 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	741		
42	268.5	12.2	18.2#	
71	162.8	23.4	35.0#	

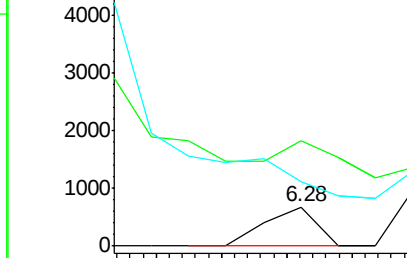


Abundance Ion 99.00 (98.70 to 99.70): BF0

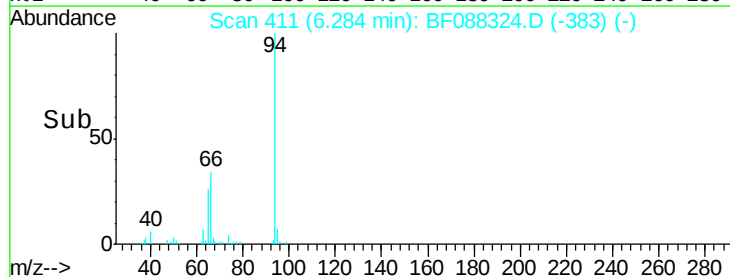
Ion 42.00 (41.70 to 42.70): BF0

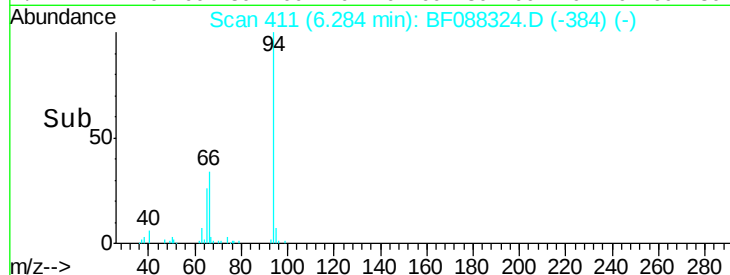
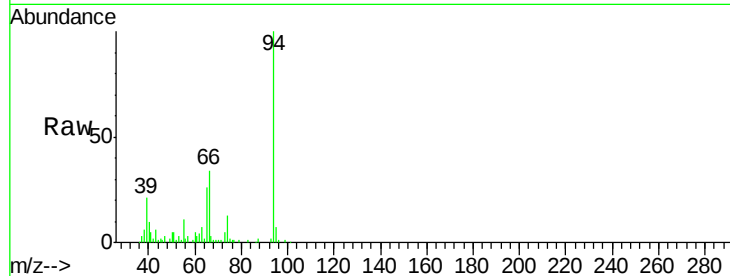
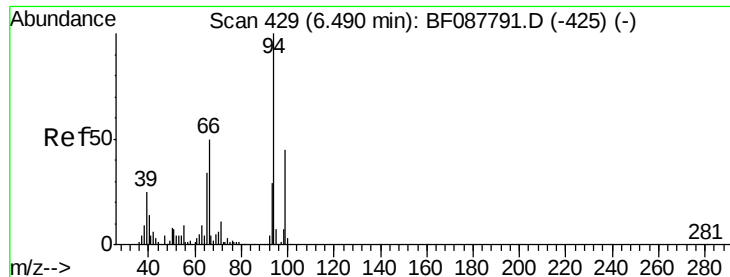
Ion 71.00 (70.70 to 71.70): BF0

6.28



Time-->





#10

Phenol

Concen: 28.78 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF088324.D

Acq: 24 Jun 2016 9:30

Tgt Ion:	94	Resp:	154119
Ion Ratio	Lower	Upper	
94	100		
65	25.8	5.9	45.9
66	34.3	14.0	54.0

Instrument :

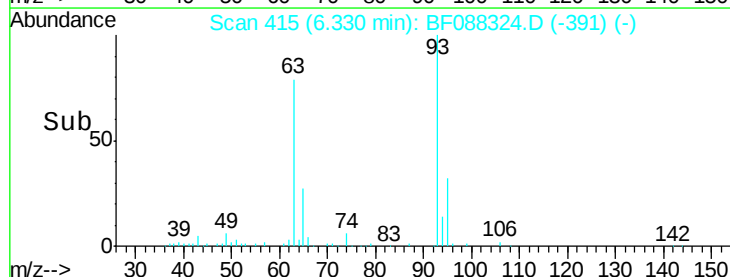
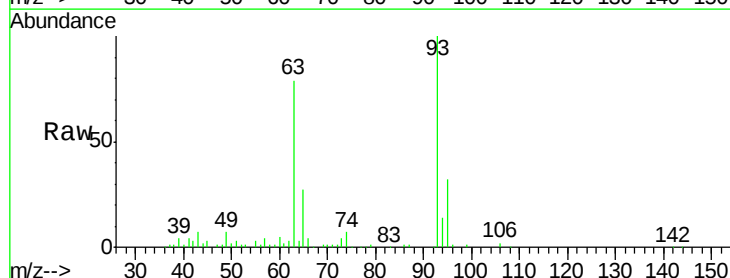
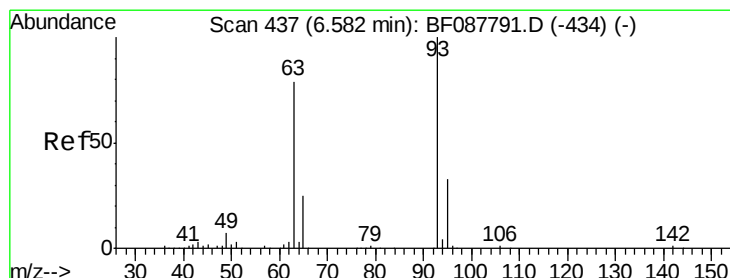
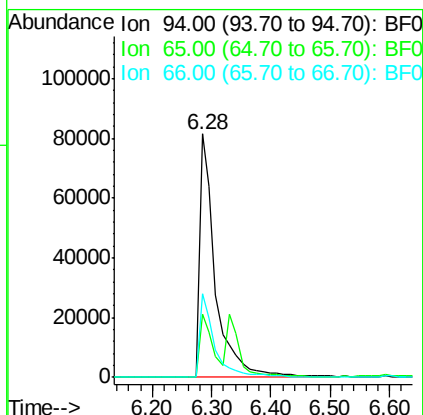
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#11

bis(2-Chloroethyl)ether

Concen: 25.64 ng

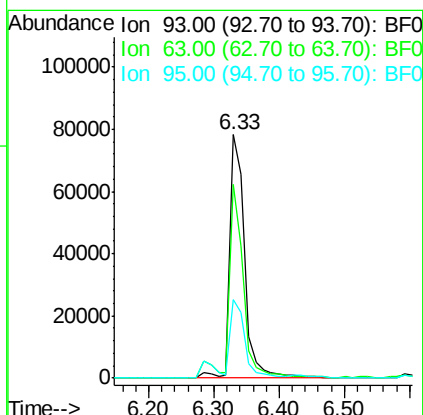
RT: 6.33 min Scan# 415

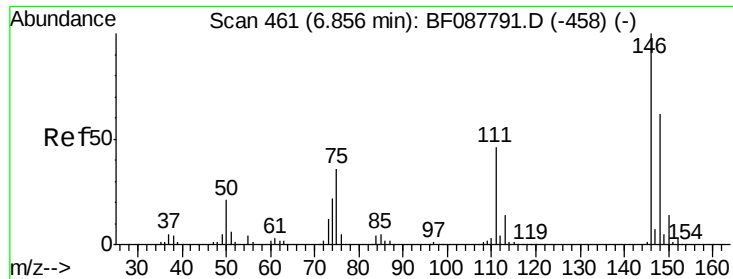
Delta R.T. -0.02 min

Lab File: BF088324.D

Acq: 24 Jun 2016 9:30

Tgt Ion:	93	Resp:	120639
Ion Ratio	Lower	Upper	
93	100		
63	79.5	67.6	107.6
95	32.2	12.5	52.5





#13

1,4-Dichlorobenzene

Concen: 2.84 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF088324.D

Acq: 24 Jun 2016 9:30

Instrument :

BNA_F

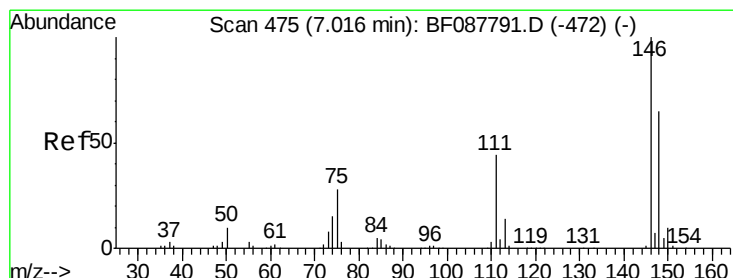
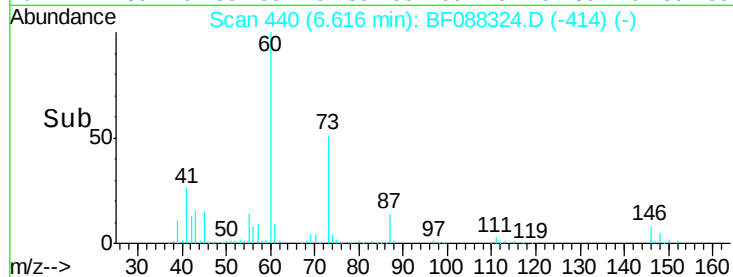
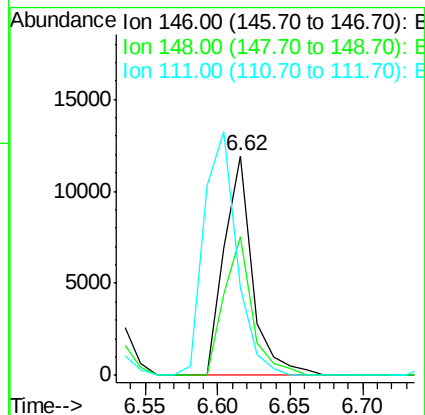
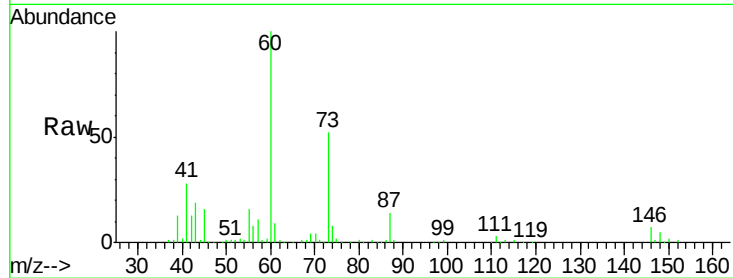
ClientSampleId :

KY032MW006-160512

Tgt Ion:	146	Resp:	16097
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.0	78.0
111	39.6	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 13.20 ng m

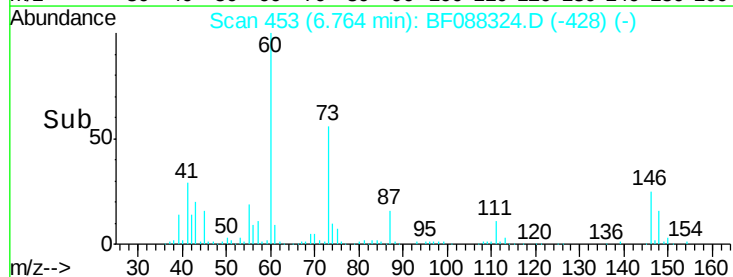
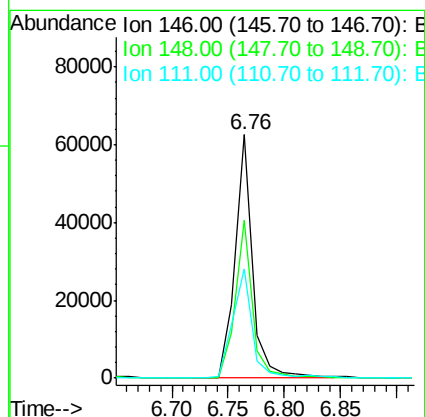
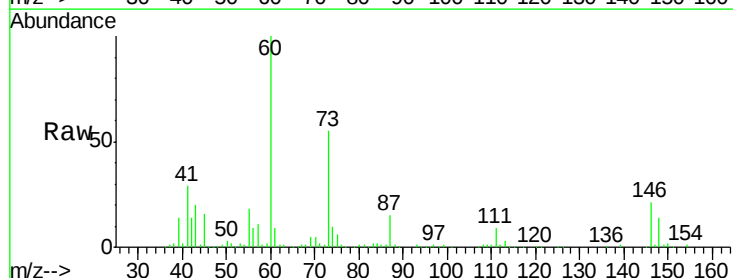
RT: 6.76 min Scan# 453

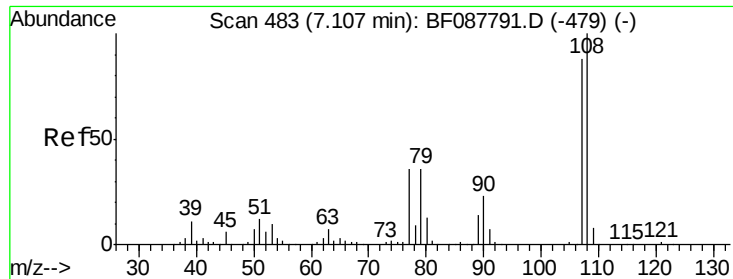
Delta R.T. -0.01 min

Lab File: BF088324.D

Acq: 24 Jun 2016 9:30

Tgt Ion:	146	Resp:	68027
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.3	78.5
111	44.7	28.7	43.1#





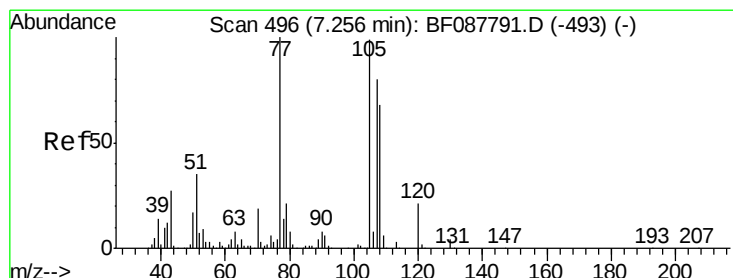
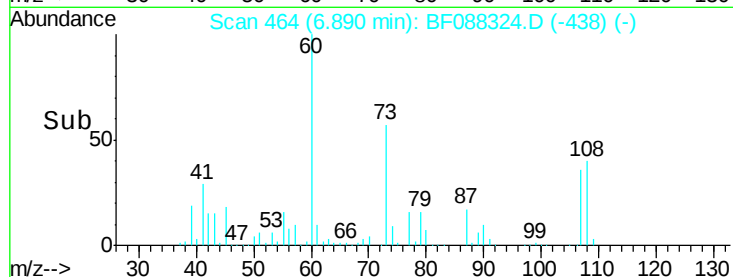
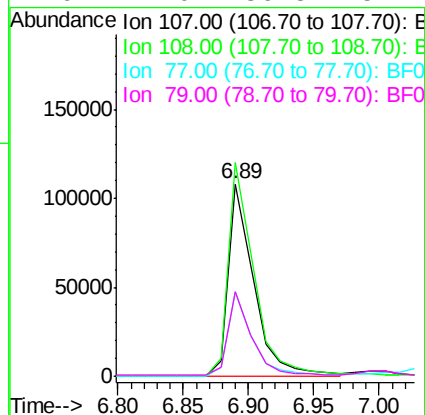
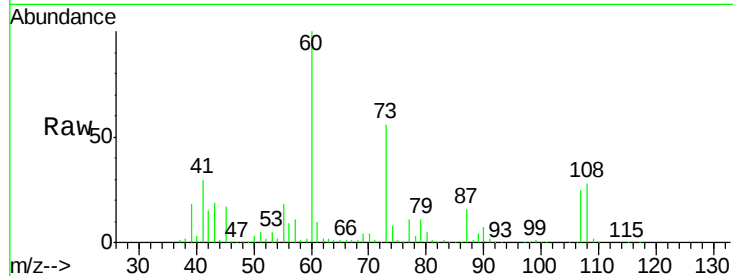
#17
2-Methylphenol
Concen: 34.90 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF088324.D
Acq: 24 Jun 2016 9:30

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
107	100	148354		
108	111.2	90.9	136.3	
77	43.8	36.6	55.0	
79	44.0	36.5	54.7	

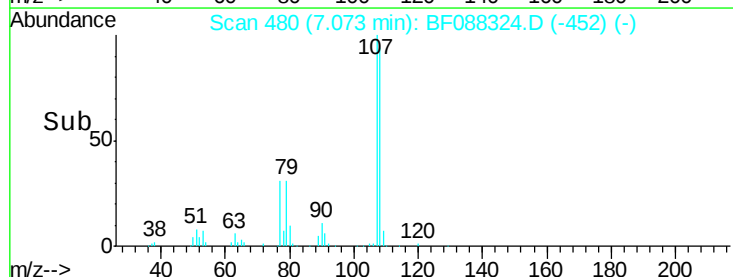
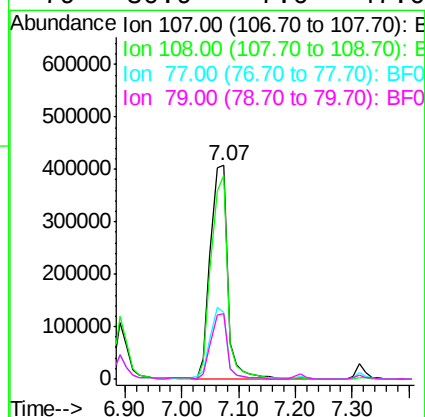
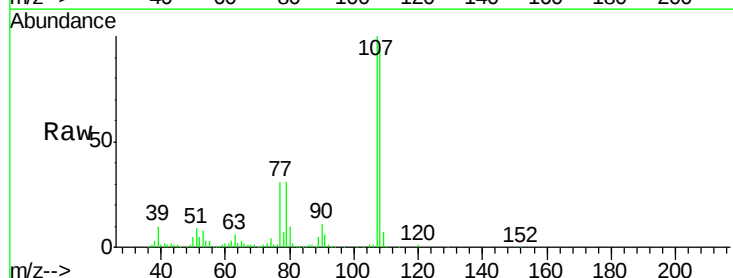
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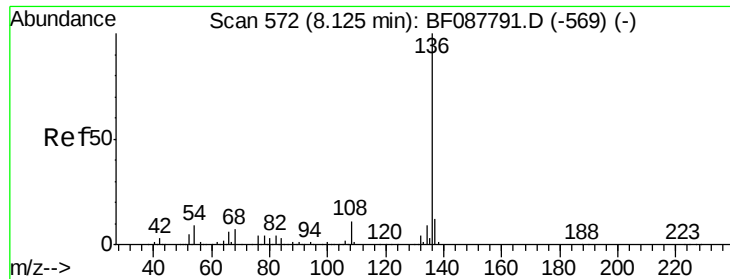
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#20
3+4-Methylphenols
Concen: 169.67 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.02 min
Lab File: BF088324.D
Acq: 24 Jun 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	841457		
108	95.3	67.8	107.8	
77	31.3	59.3	99.3#	
79	30.9	7.0	47.0	





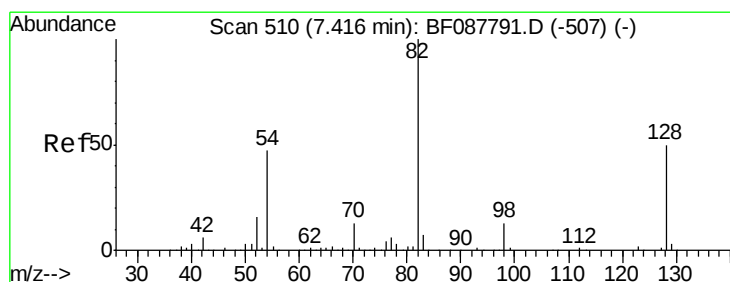
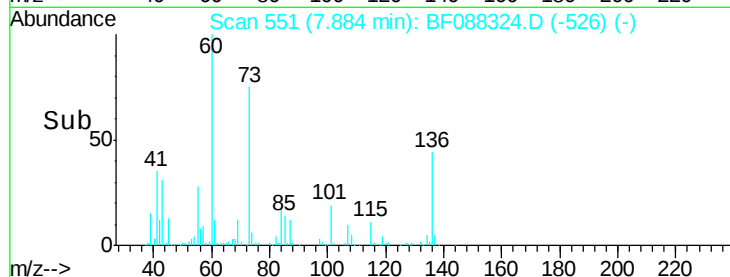
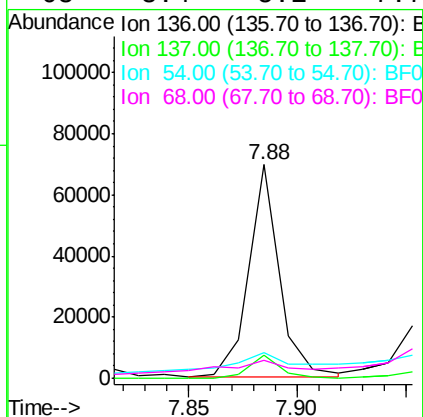
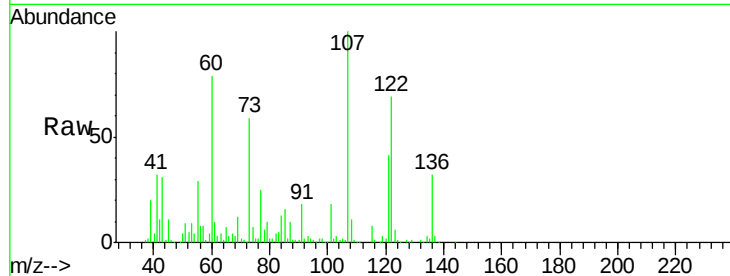
#21
Naphthalene-d8
Concen: 5.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088324.D
Acq: 24 Jun 2016 9:30

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		67632		
137	10.6	9.1	13.7		
54	11.7	6.6	10.0#		
68	8.4	5.1	7.7#		

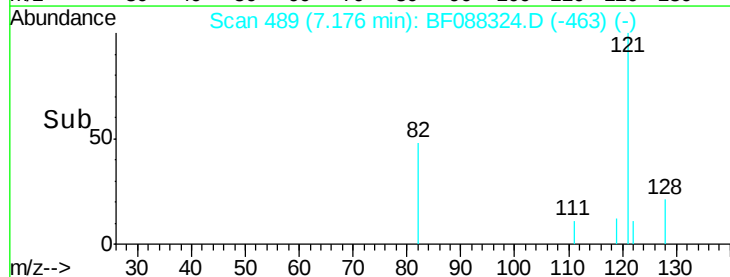
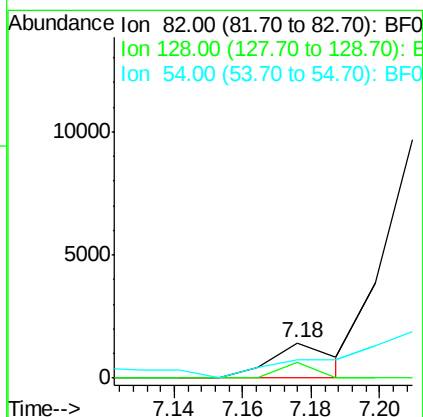
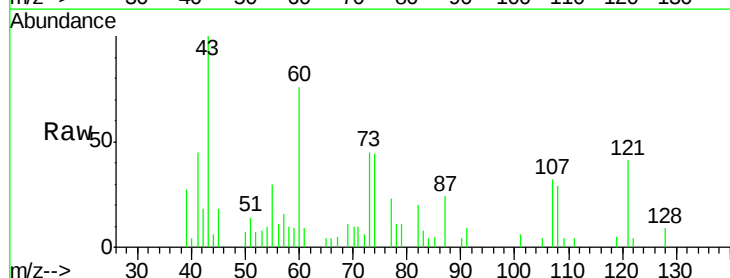
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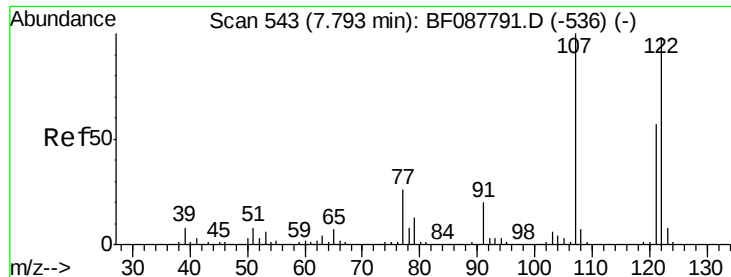
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#23
Nitrobenzene-d5
Concen: 0.40 ng m
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088324.D
Acq: 24 Jun 2016 9:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1858		
128	44.0	35.9	53.9		
54	50.5	40.9	61.3		





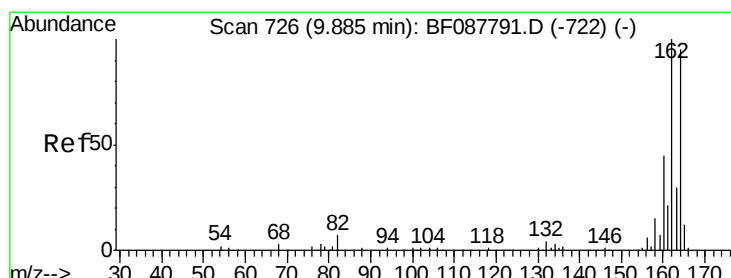
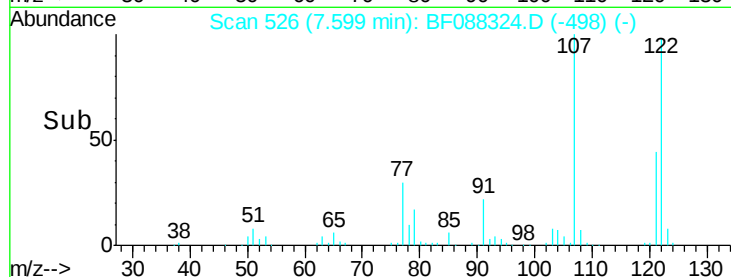
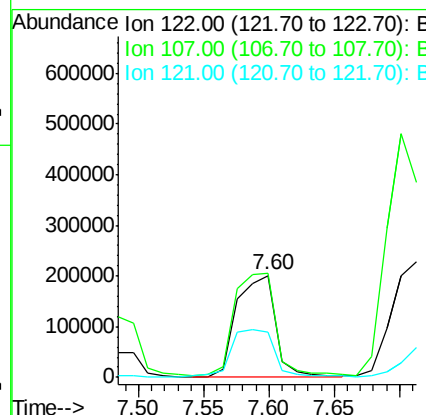
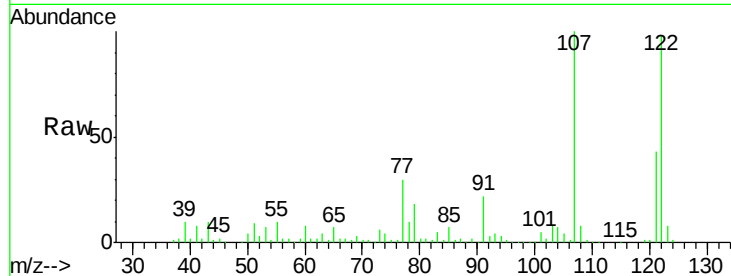
#27
 2,4-Dimethylphenol
 Concen: 93.12 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.02 min
 Lab File: BF088324.D
 Acq: 24 Jun 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-160512

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	412150		
107	102.1	82.4	123.6	
121	44.4	46.3	69.5#	

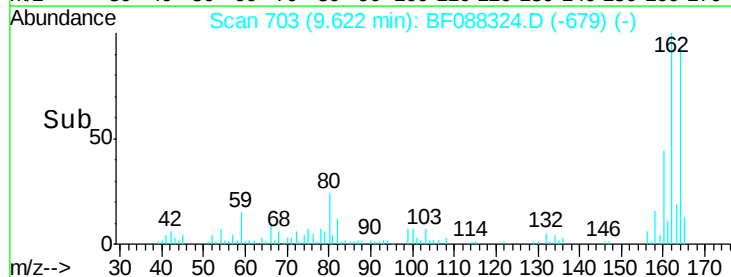
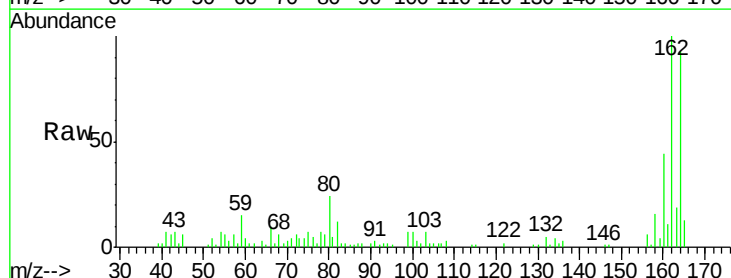
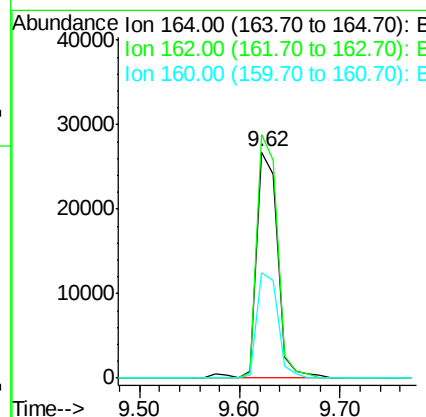
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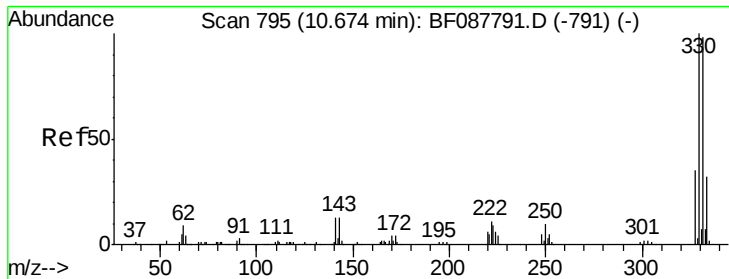
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#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF088324.D
 Acq: 24 Jun 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	38960		
162	107.6	85.4	128.2	
160	46.8	39.5	59.3	





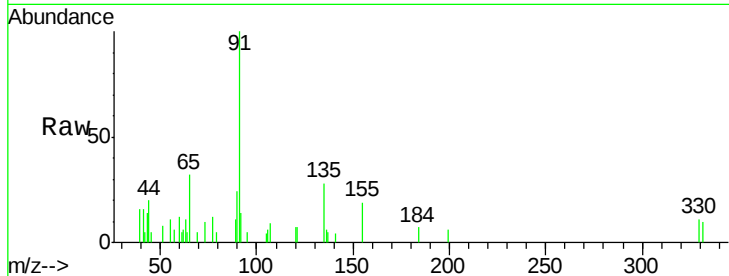
#41
 2,4,6-Tribromophenol
 Concen: 0.31 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088324.D
 Acq: 24 Jun 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-160512

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.0	0.0	0.0#
141	42.2	0.0	0.0#

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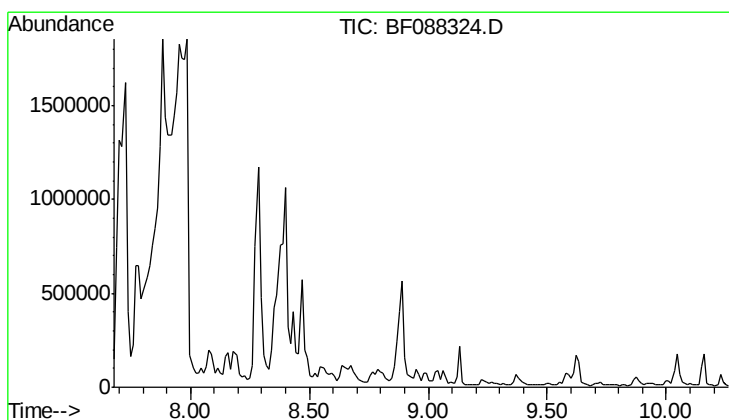
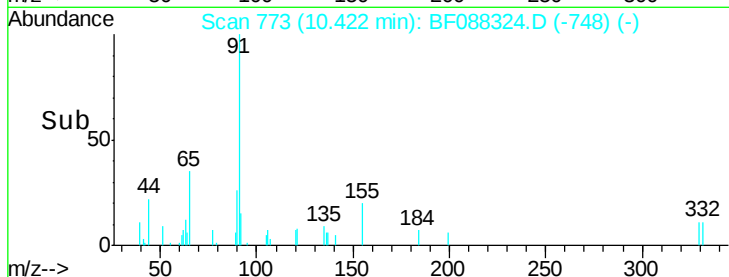
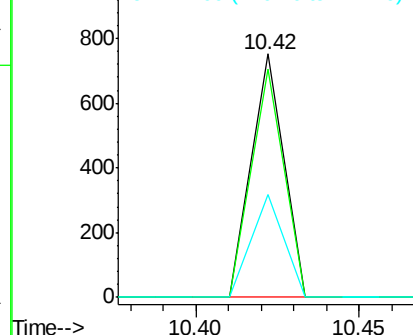


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

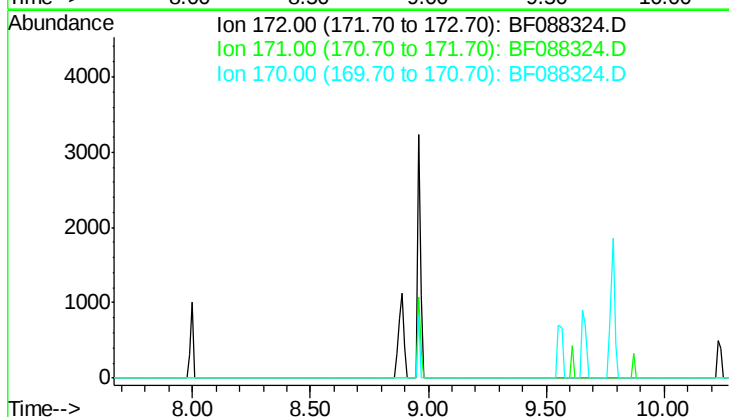
Ion 141.00 (140.70 to 141.70): E

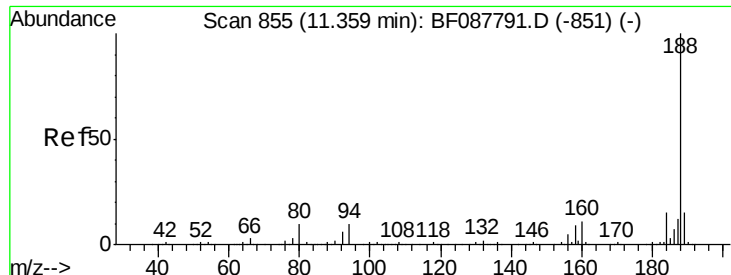


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 8.97 min

Lab File: BF088324.D
 Acq: 24 Jun 2016 9:30

Tgt Ion	Exp Ratio
172	100
171	35.8
170	24.0





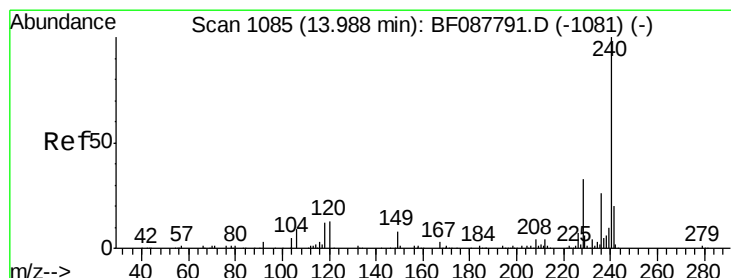
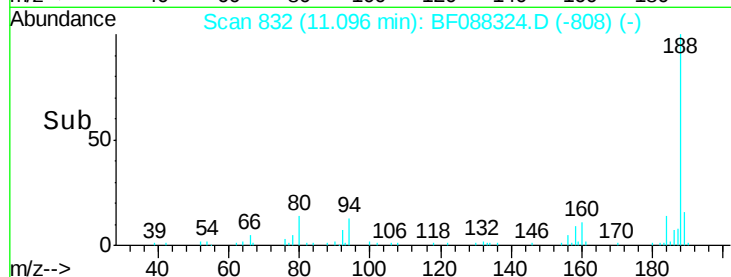
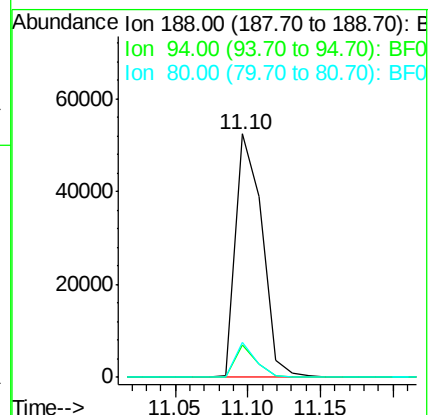
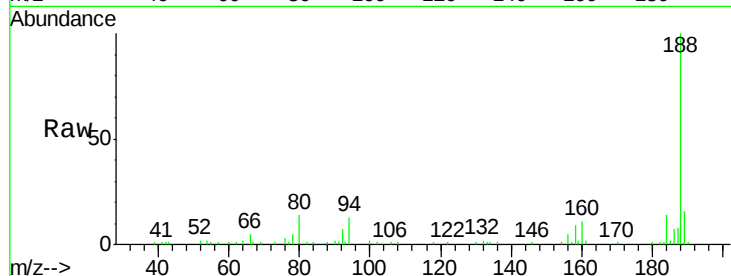
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088324.D
Acq: 24 Jun 2016 9:30

Instrument :
BNA_F
ClientSampleId :
KY032MW006-160512

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.2	9.0	13.6
80	14.4	10.0	15.0

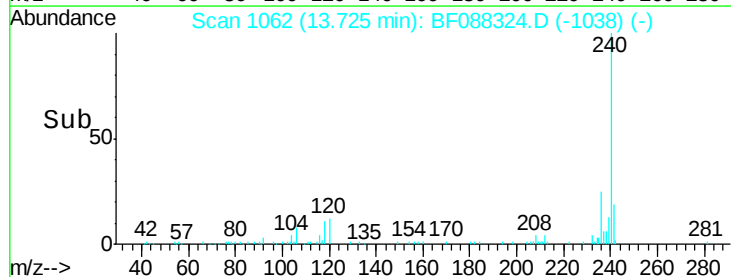
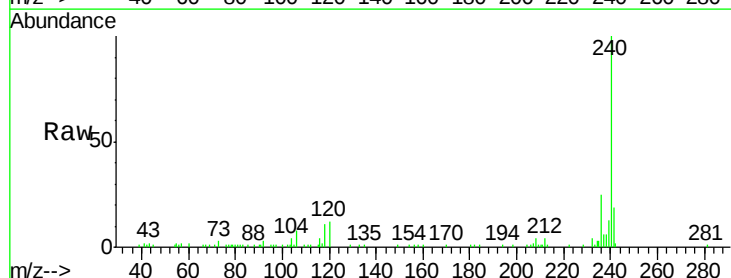
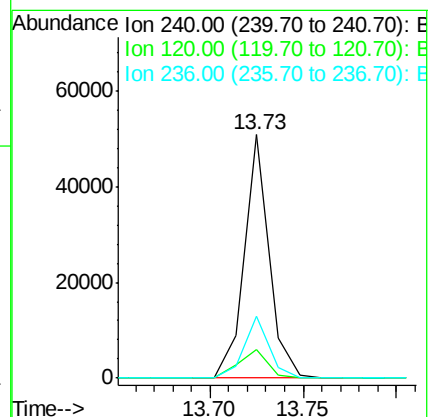
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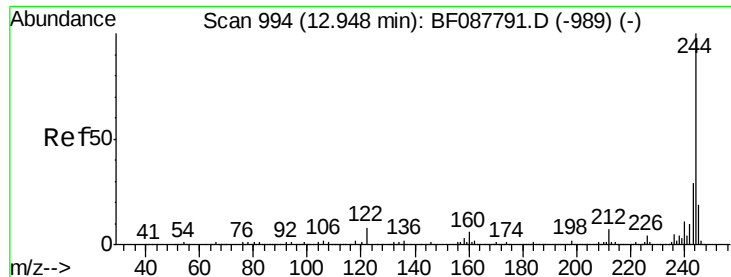
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#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088324.D
Acq: 24 Jun 2016 9:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.0	6.8	10.2#
236	25.2	20.2	30.2





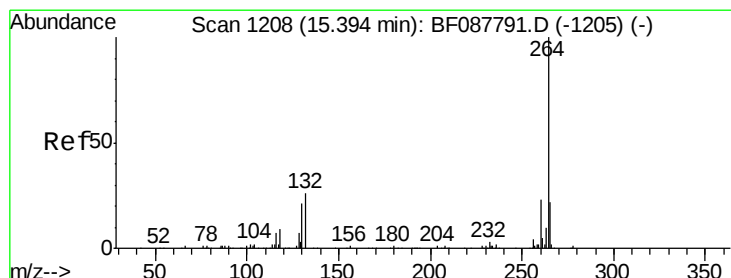
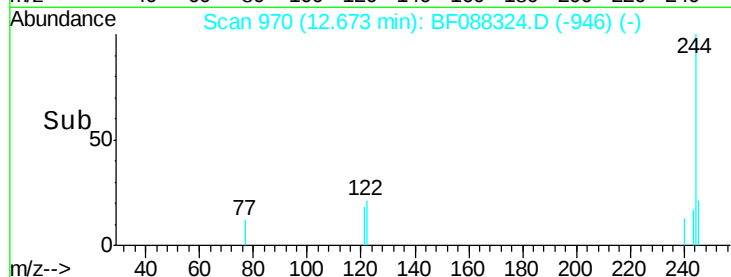
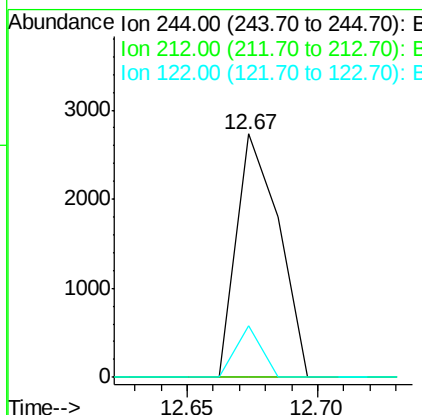
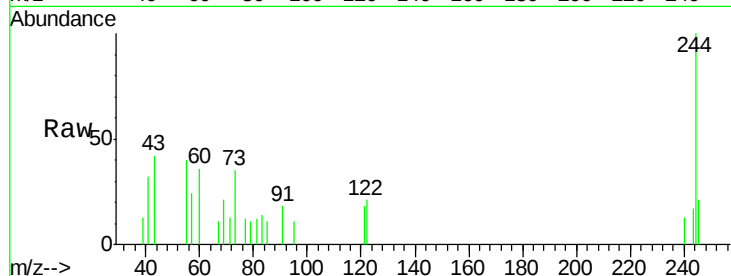
#78
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088324.D
 Acq: 24 Jun 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-160512

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	0.0	6.0	9.0#
122	21.4	11.2	16.8#

Manual Integrations
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#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF088324.D
 Acq: 24 Jun 2016 9:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.2	28.8
265	23.2	16.9	25.3

