

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
 Data File : BF092068.D
 Acq On : 3 Jan 2017 18:46
 Operator : UM/SJ
 Sample : H6325-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR1020

Manual Integrations
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Quant Time: Jan 04 01:01:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	199377	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	730234	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	350075	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	563946	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	380210	20.00	ng	-0.05
86) Perylene-d12	15.20	264	344851	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1460069	122.28	ng	-0.03
7) Phenol-d6	6.36	99	2112937	144.94	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1460800	111.24	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	468006	161.54	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	1968652	120.63	ng	-0.04
78) Terphenyl-d14	12.78	244	974245	62.14	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	2.28	88	117150	19.93	ng	# 74
4) n-Nitrosodimethylamine	2.81	42	58891	7.61	ng	# 82
10) Phenol	6.37	94	117185	7.05	ng	# 62
15) Benzyl Alcohol	6.84	79	158236	13.97	ng	96
20) 3+4-Methylphenols	7.11	107	60206	4.62	ng	# 68
31) Naphthalene	7.98	128	110832	3.32	ng	99
32) Benzoic acid	8.12	122	11980725m	1411.94	ng	
48) Acenaphthylene	9.46	152	878749	30.10	ng	# 78
59) Diethylphthalate	10.14	149	171045	7.87	ng	99

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

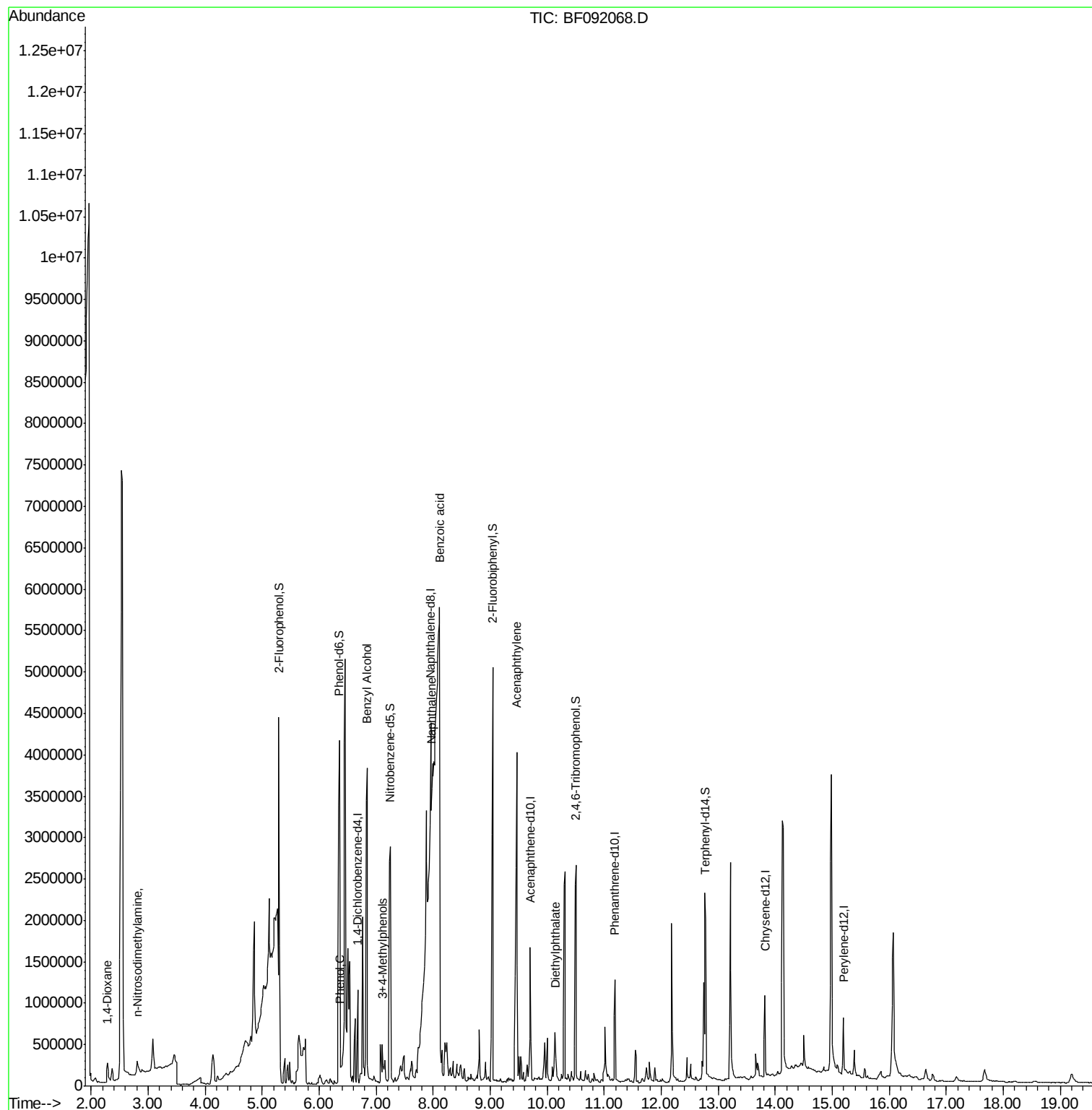
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
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Operator : UM/SJ
Sample : H6325-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

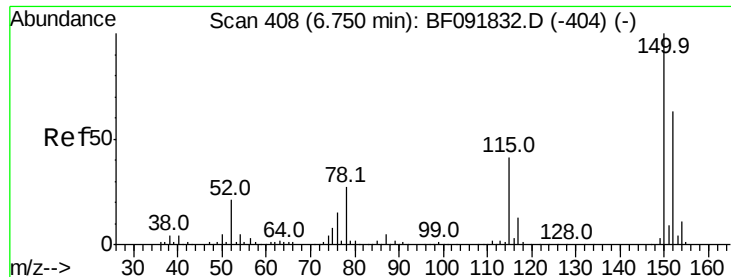
Instrument :
BNA_F
ClientSampleId :
LAR1020

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Quant Time: Jan 04 01:01:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Instrument :

BNA_F

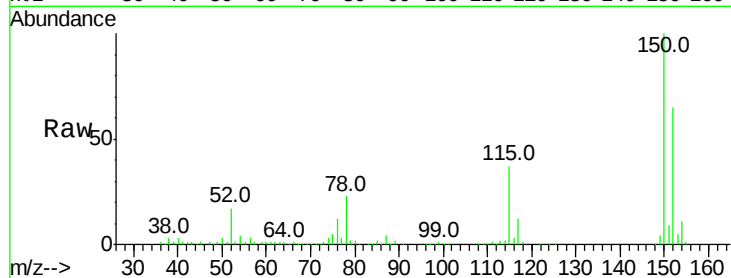
ClientSampleId :

LAR1020

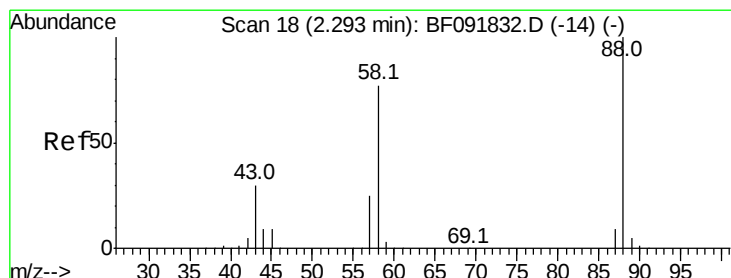
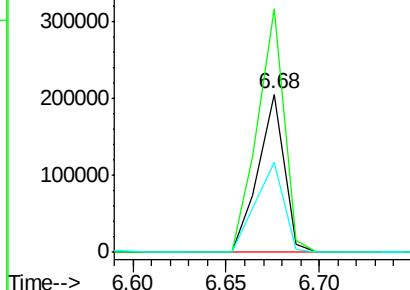
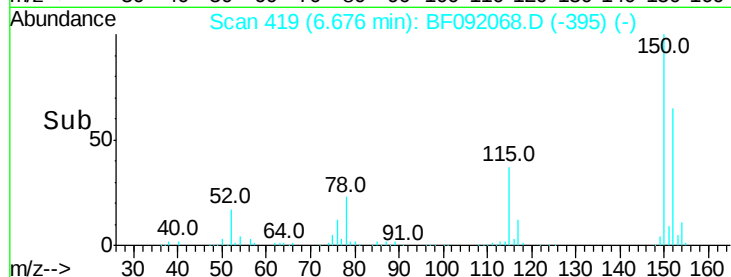
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.9	187.3
115	56.9	46.0	69.0

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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



#2

1,4-Dioxane

Concen: 19.93 ng

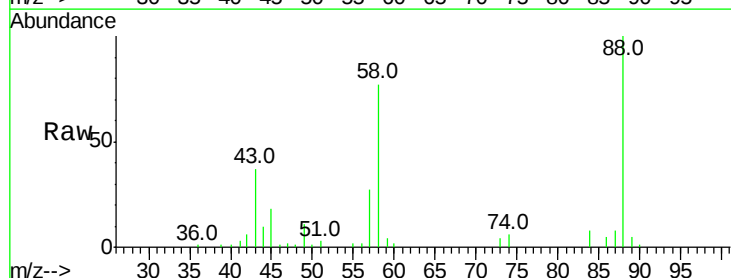
RT: 2.28 min Scan# 34

Delta R.T. 0.09 min

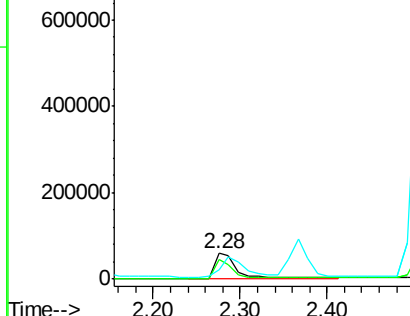
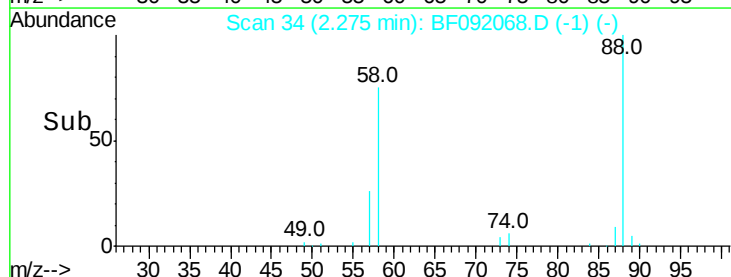
Lab File: BF092068.D

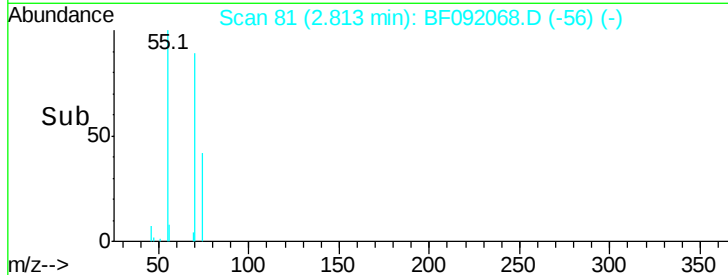
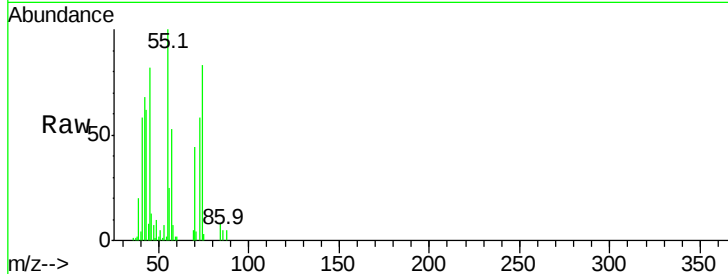
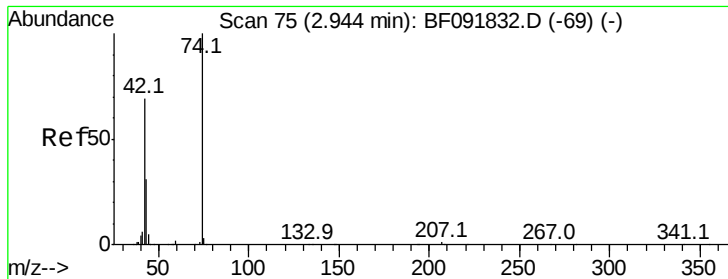
Acq: 3 Jan 2017 18:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.3	57.8	86.8
43	0.0	22.3	33.5#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 7.61 ng

RT: 2.81 min Scan# 81

Delta R.T. -0.02 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Tot Ion	Ratio	Lower	Upper
42	100		
74	123.1	117.0	175.4
44	11.7	5.5	8.3#

Instrument :

BNA_F

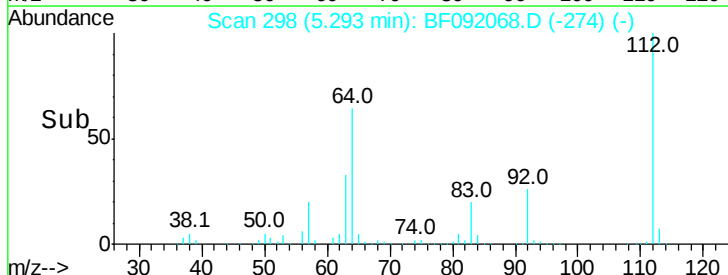
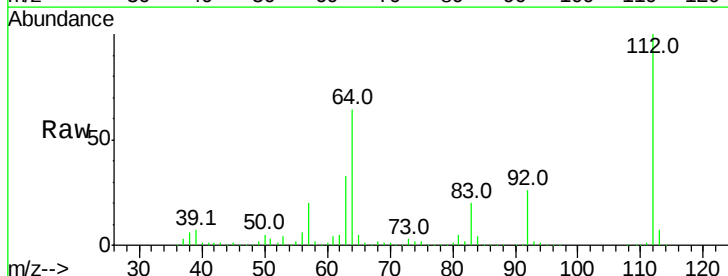
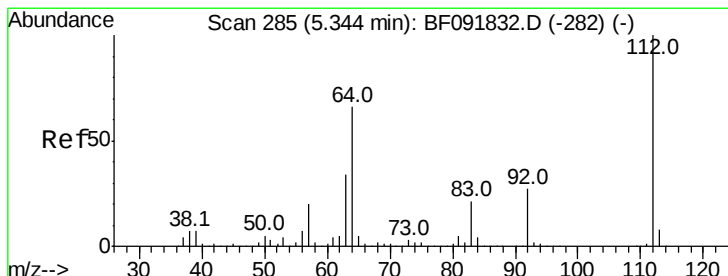
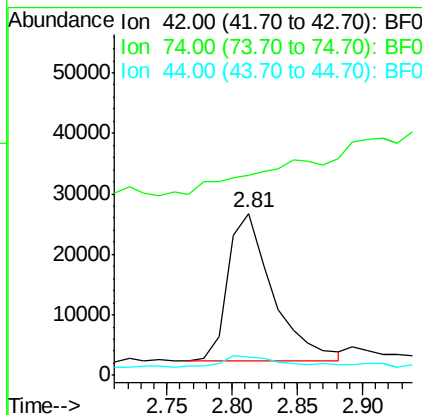
ClientSampled :

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#5

2-Fluorophenol

Concen: 122.28 ng

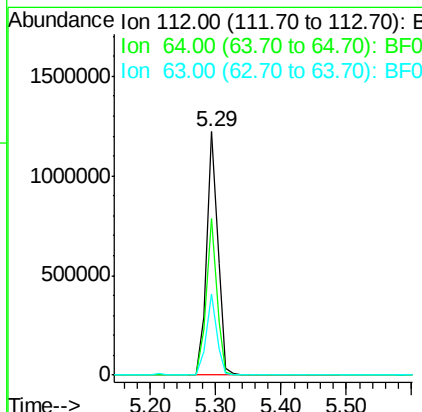
RT: 5.29 min Scan# 298

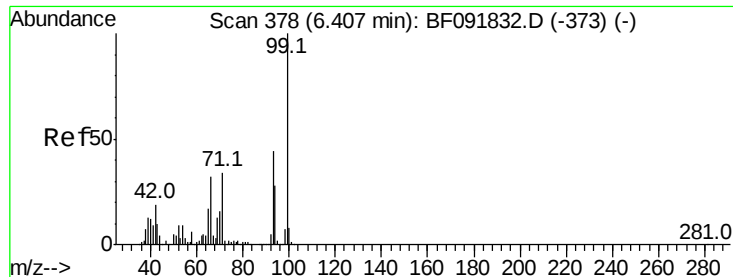
Delta R.T. -0.03 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.1	69.1
63	33.1	23.8	35.6





#7

Phenol-d6

Concen: 144.94 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Instrument :

BNA_F

ClientSampleId :

LAR1020

Tot Ion: 99 Resp: 2112937

Ion Ratio Lower Upper

99 100

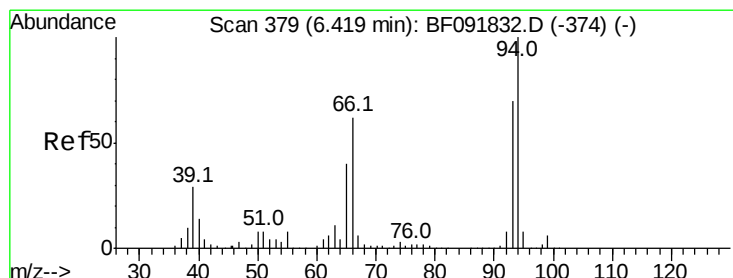
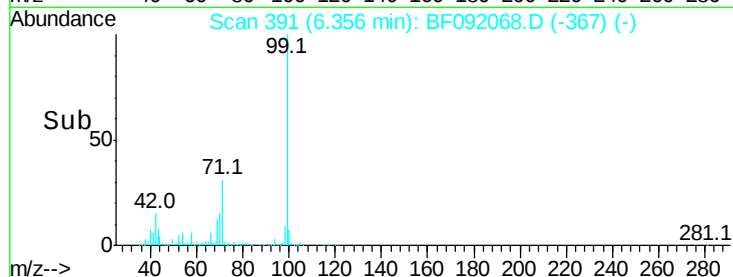
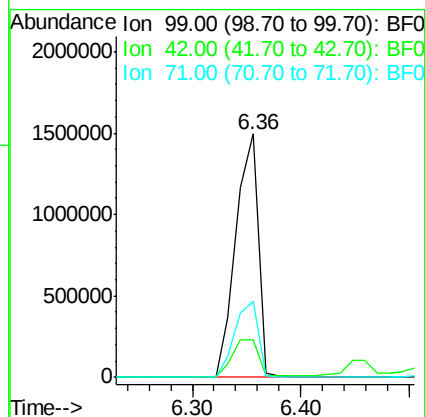
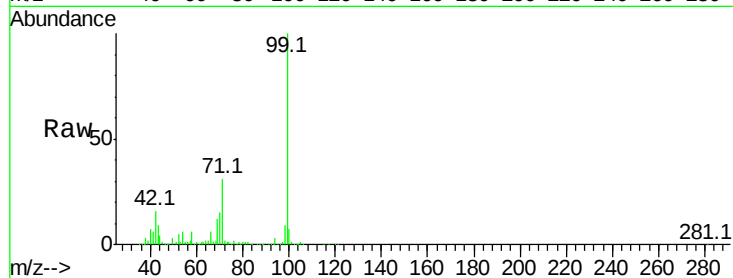
42 15.5 15.6 23.4#

71 30.9 27.5 41.3

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#10

Phenol

Concen: 7.05 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

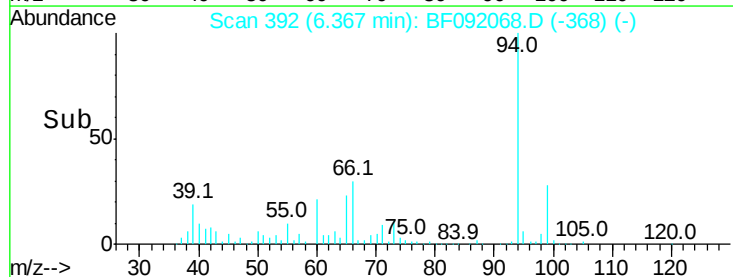
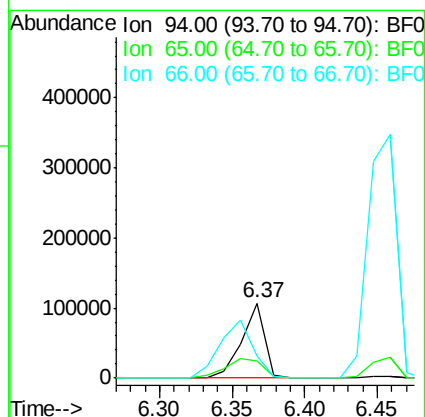
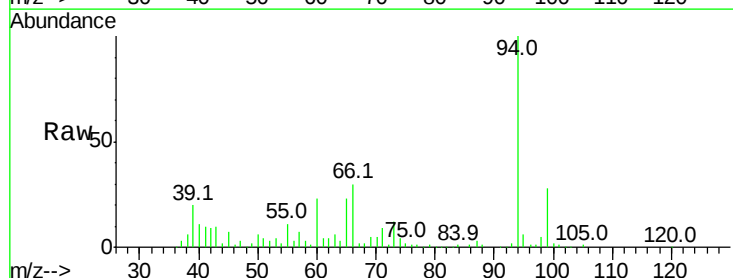
Tgt Ion: 94 Resp: 117185

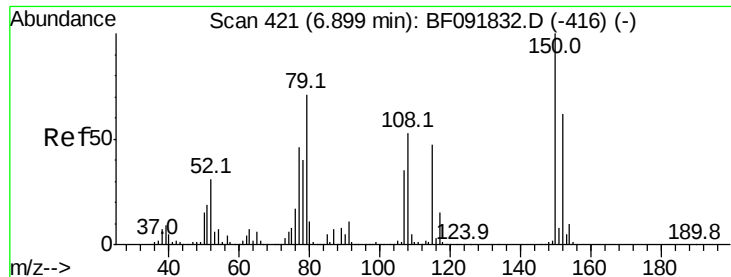
Ion Ratio Lower Upper

94 100

65 23.2 21.4 61.4

66 29.7 44.0 84.0#





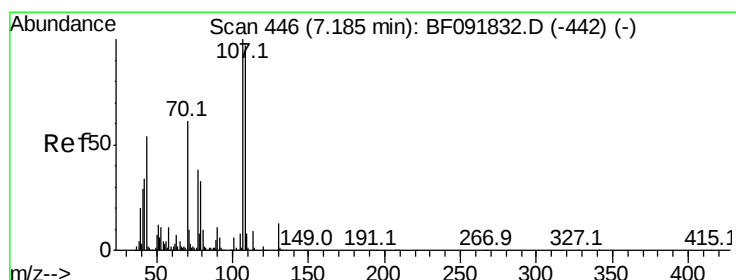
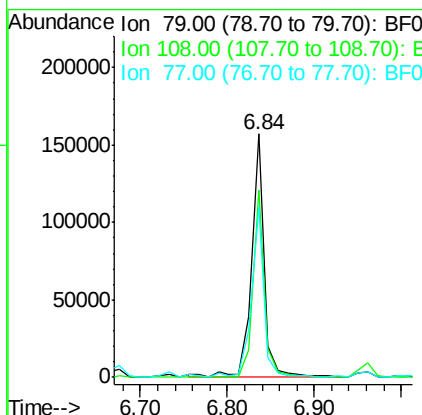
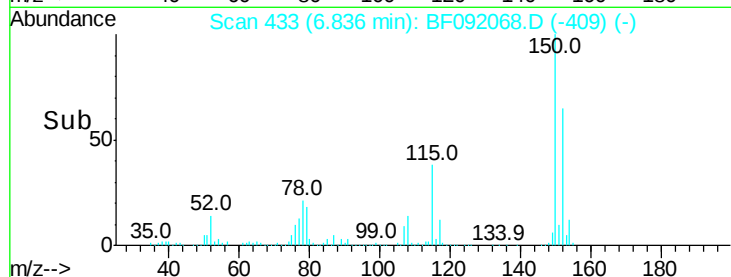
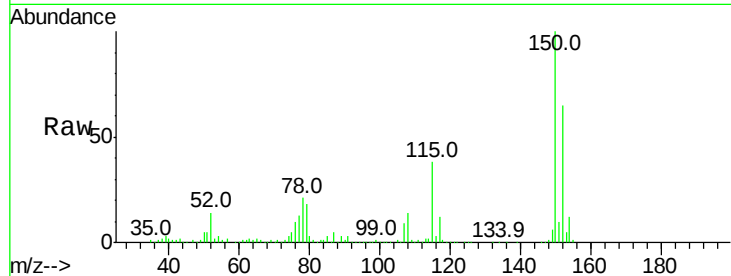
#15
Benzyl Alcohol
Concen: 13.97 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Instrument :
BNA_F
ClientSampled :
LAR1020

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.4	92.0
77	70.3	50.9	76.3

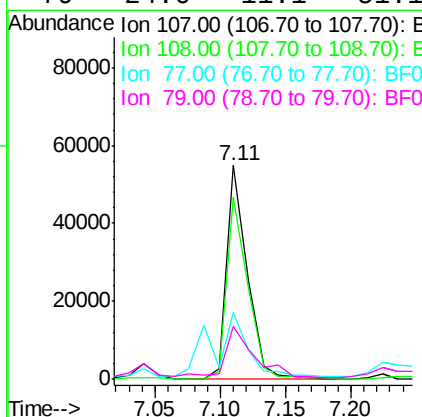
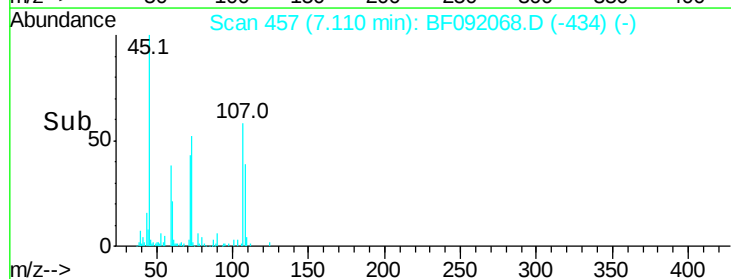
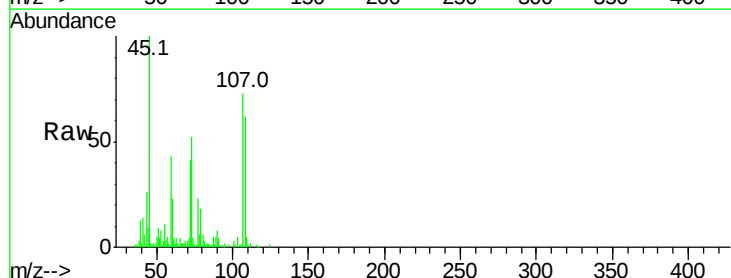
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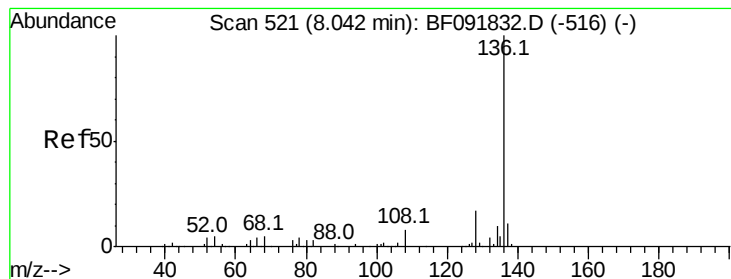
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#20
3+4-Methylphenols
Concen: 4.62 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.04 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	73.0	113.0
77	31.2	71.3	111.3#
79	24.6	11.1	51.1





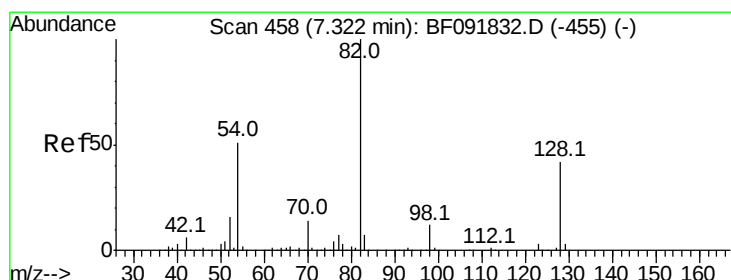
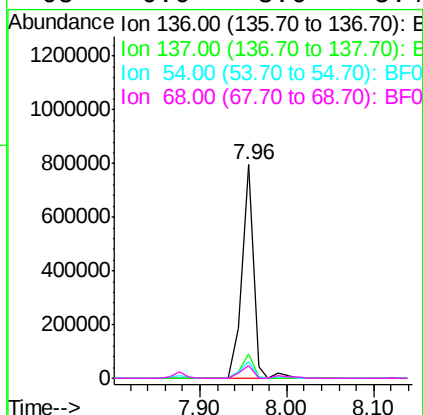
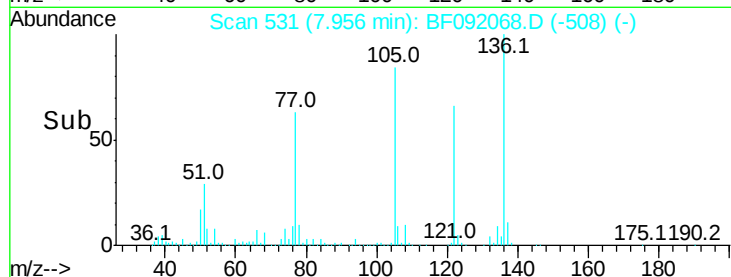
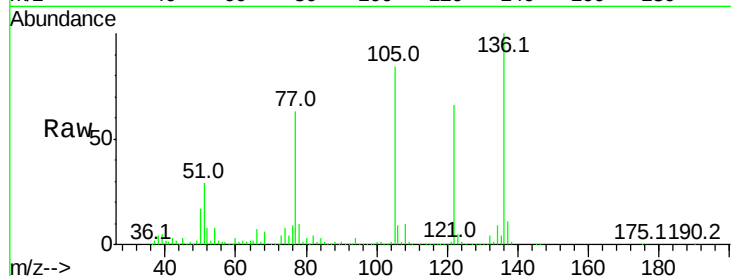
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Instrument :
BNA_F
ClientSampleId :
LAR1020

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.4	12.6	
54	7.7	4.5	6.7#	
68	6.0	3.6	5.4#	

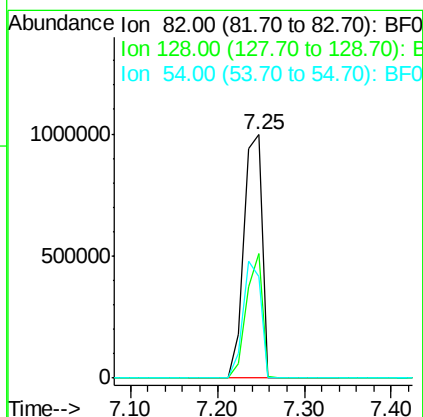
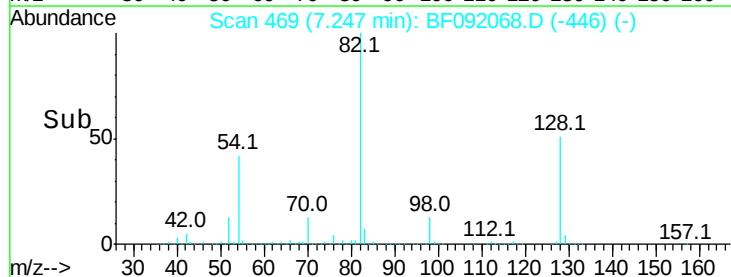
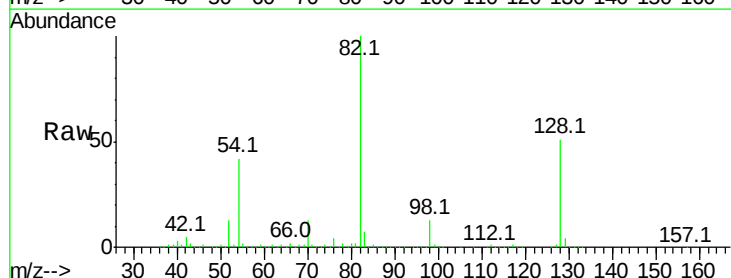
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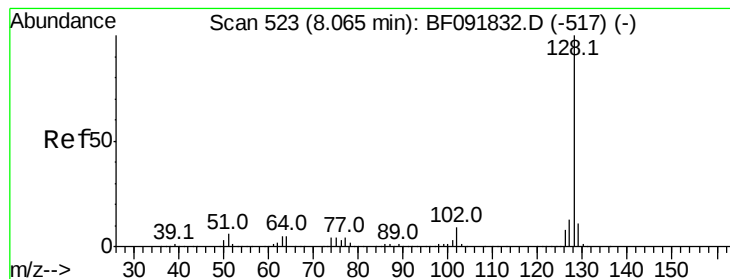
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#23
Nitrobenzene-d5
Concen: 111.24 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.04 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.2	34.6	52.0	
54	41.9	39.5	59.3	





#31

Naphthalene

Concen: 3.32 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Instrument :

BNA_F

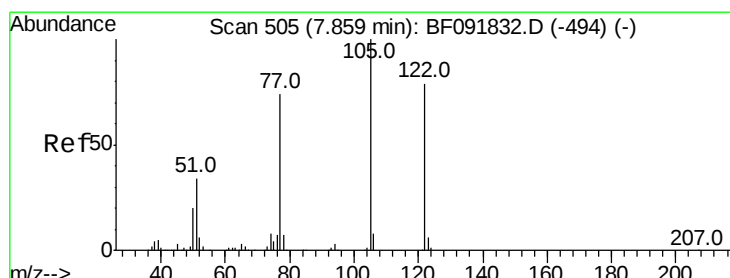
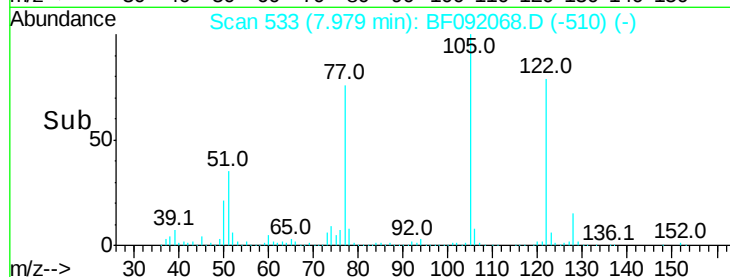
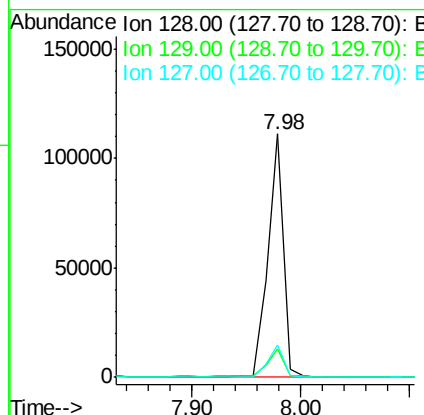
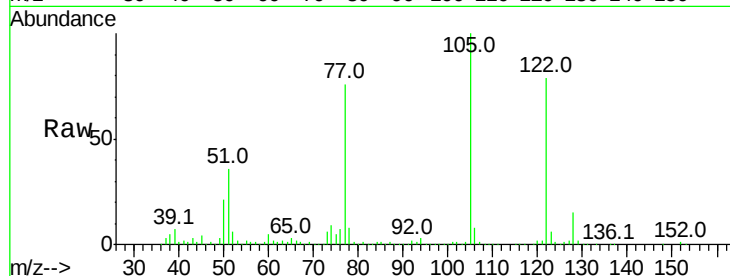
ClientSampled :

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Tot Ion:	128	Resp:	110832
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.5	14.3
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 1411.94 ng m

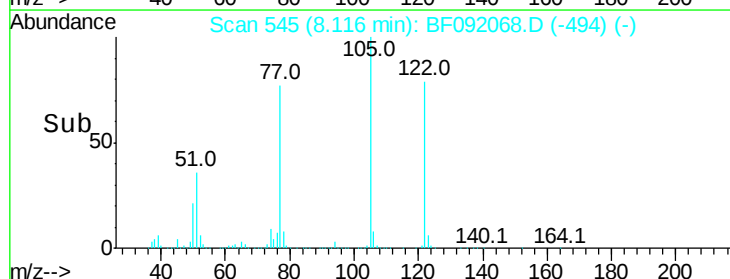
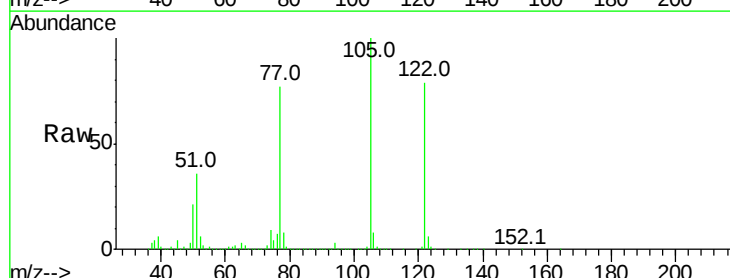
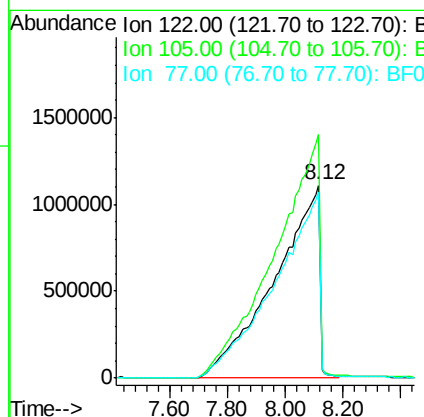
RT: 8.12 min Scan# 545

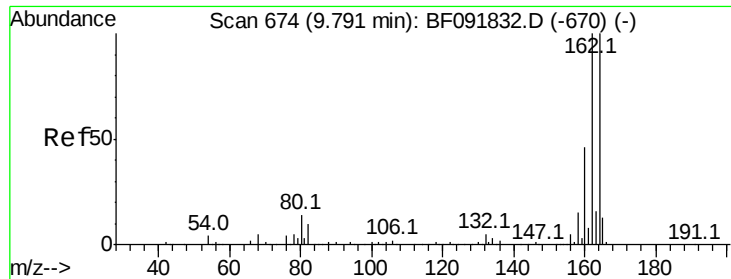
Delta R.T. 0.28 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Tgt Ion:	122	Resp:	11980725
Ion Ratio	Lower	Upper	
122	100		
105	126.2	107.2	147.2
77	96.7	74.5	114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Instrument :

BNA_F

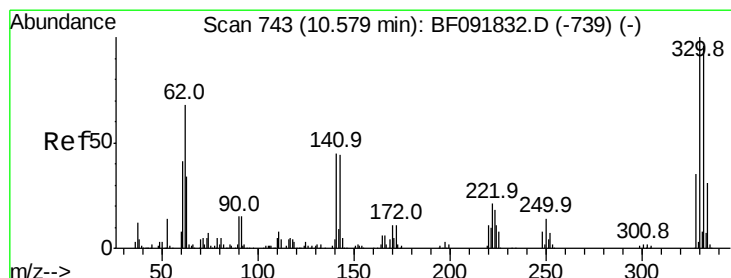
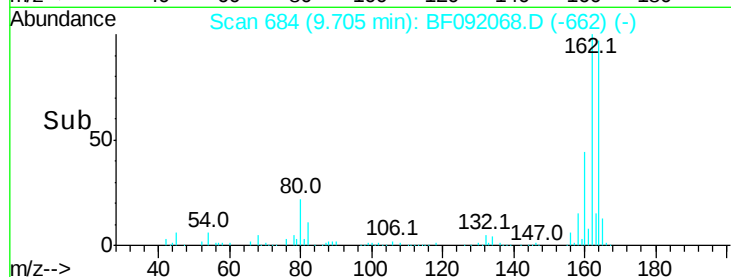
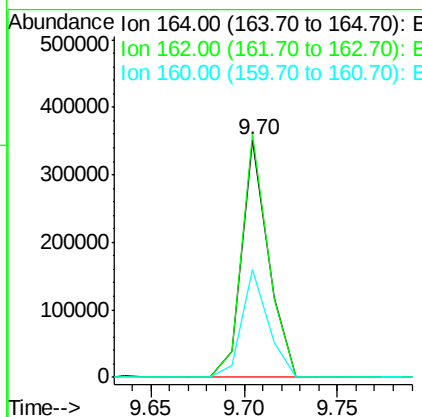
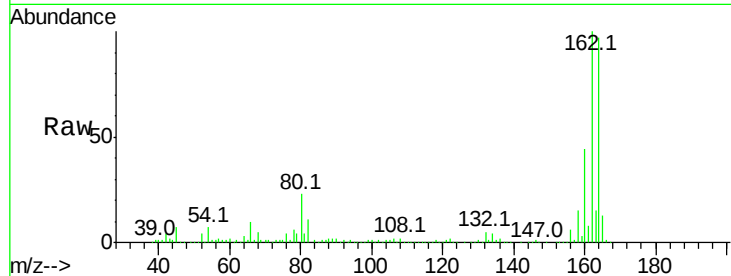
ClientSampleID :

LAR1020

Tot Ion:	164	Resp:	350075
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.2	120.2
160	45.3	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 161.54 ng

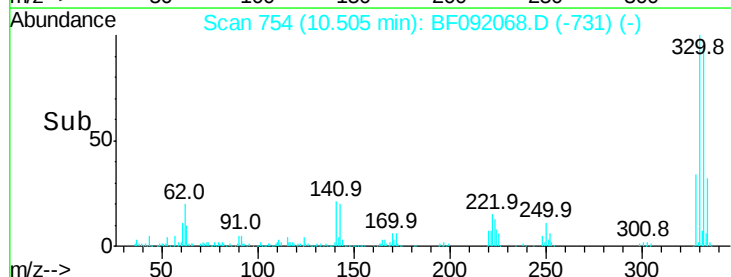
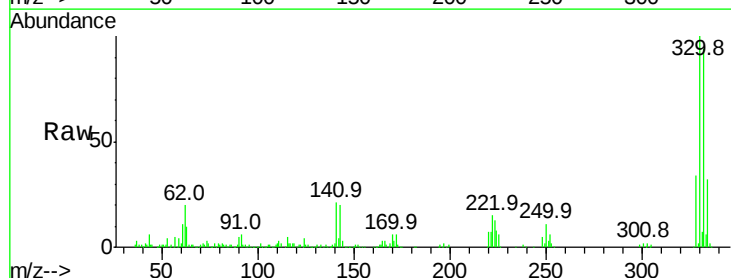
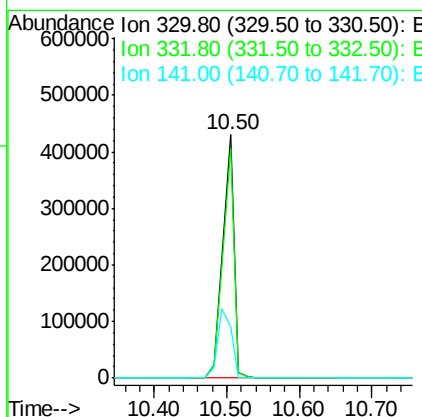
RT: 10.50 min Scan# 754

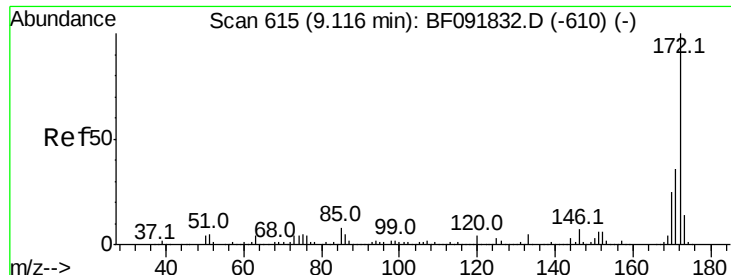
Delta R.T. -0.04 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Tgt Ion:	330	Resp:	468006
Ion Ratio	Lower	Upper	
330	100		
332	93.5	77.4	116.2
141	35.0	34.1	51.1





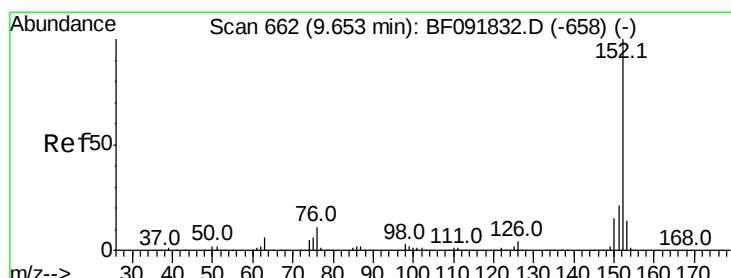
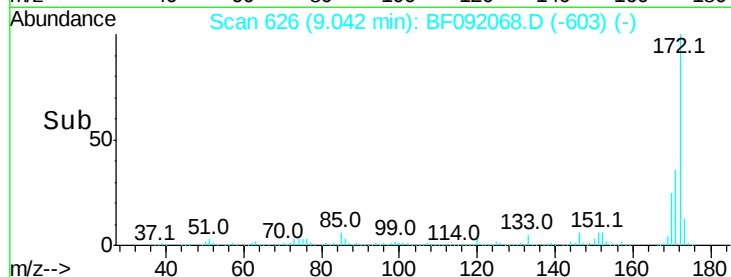
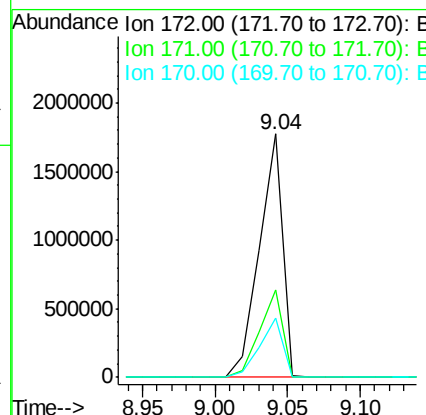
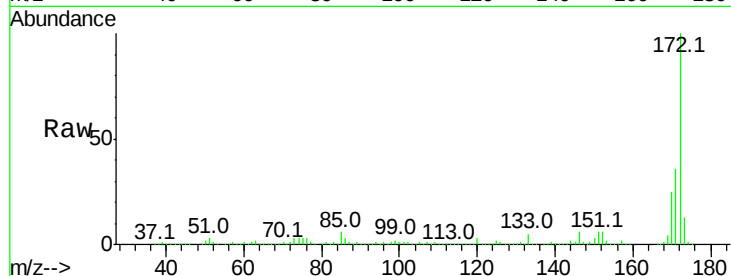
#44
2-Fluorobiphenyl
Concen: 120.63 ng
RT: 9.04 min Scan# 626
Delta R.T. -0.04 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Instrument :
BNA_F
ClientSampleId :
LAR1020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.5	20.2	30.4

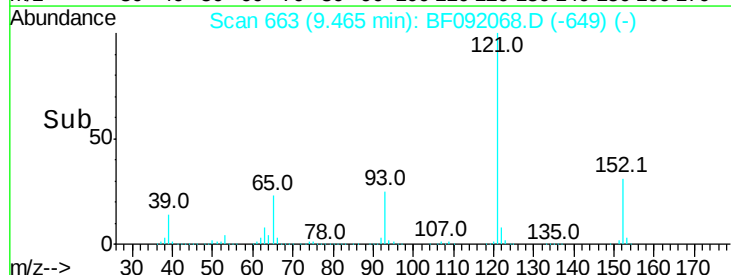
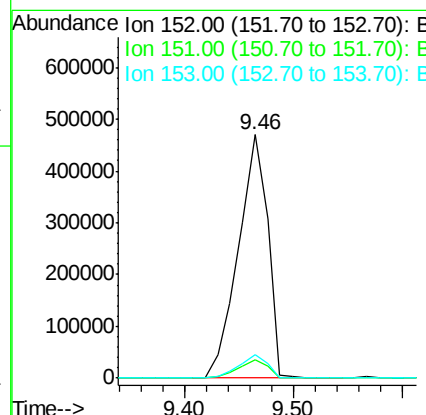
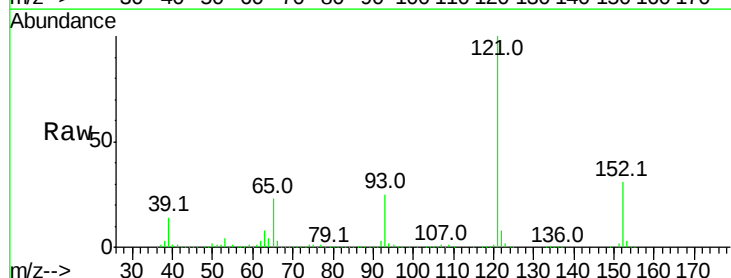
Manual Integrations
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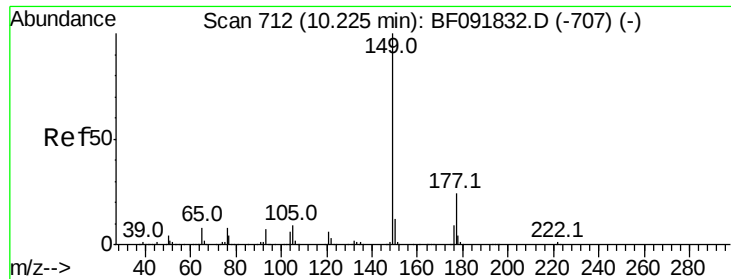
Sohil
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#48
Acenaphthylene
Concen: 30.10 ng
RT: 9.46 min Scan# 663
Delta R.T. -0.14 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	7.4	16.9	25.3#
153	9.6	11.4	17.2#





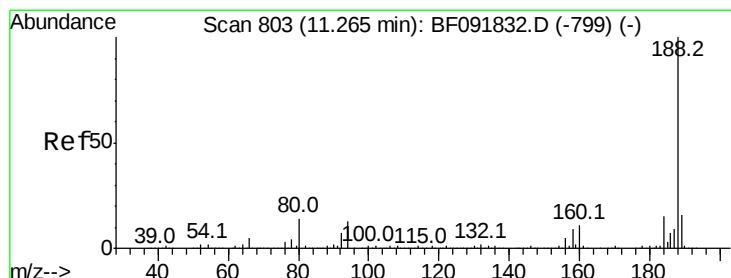
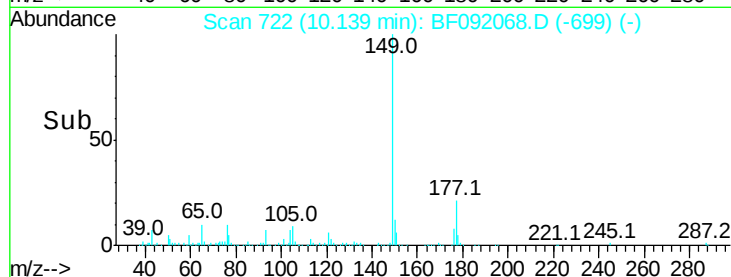
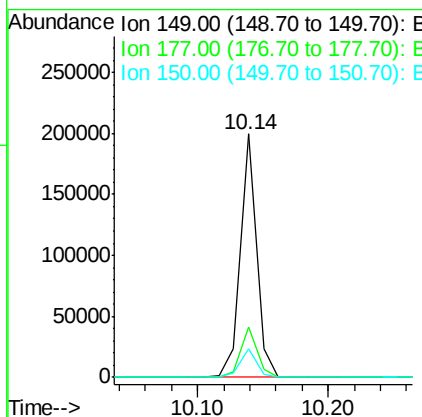
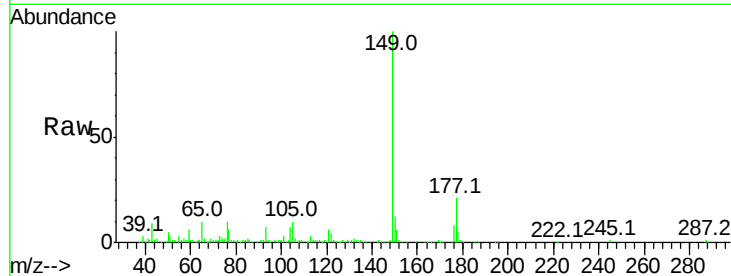
#59
Diethylphthalate
Concen: 7.87 ng
RT: 10.14 min Scan# 722
Delta R.T. -0.04 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Instrument :
BNA_F
ClientSampled :
LAR1020

Tot Ion	Ratio	Resp	Lower	Upper
149	100	171045		
177	20.6	16.6	25.0	
150	12.0	10.4	15.6	

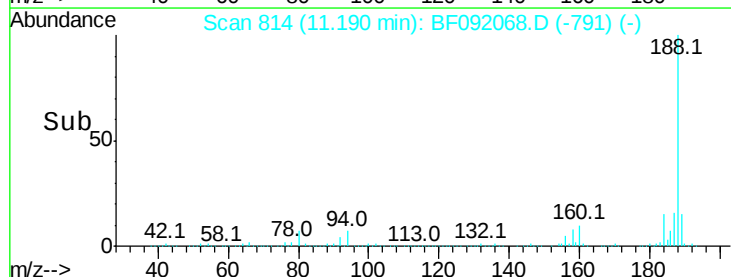
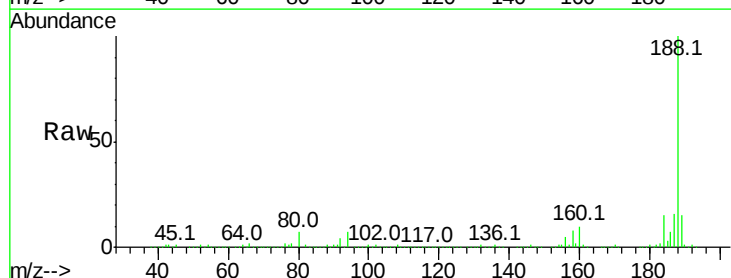
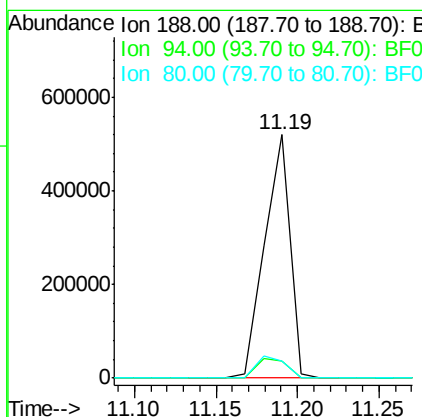
Manual Integrations
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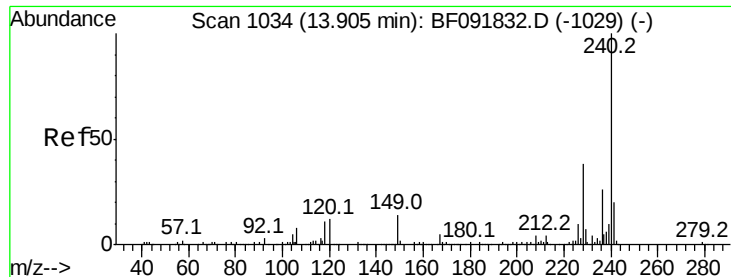
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 814
Delta R.T. -0.04 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	563946		
94	6.8	10.0	15.0#	
80	7.1	11.2	16.8#	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Instrument :

BNA_F

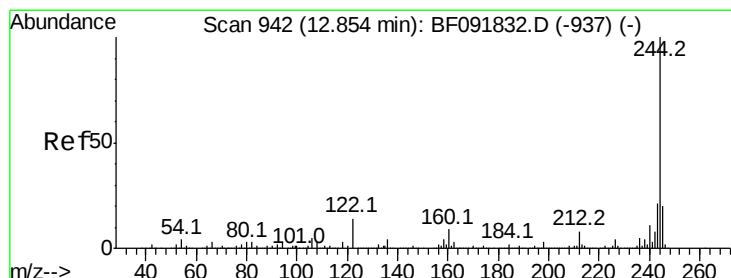
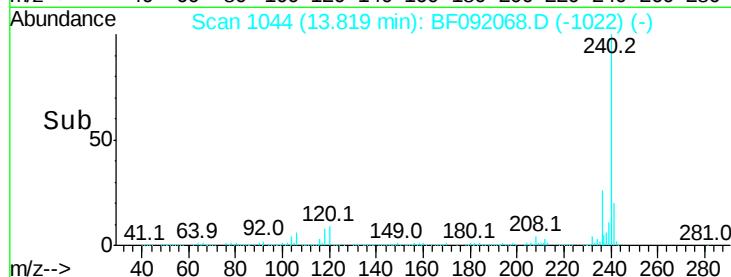
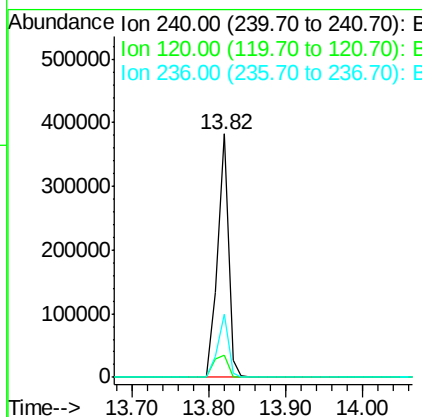
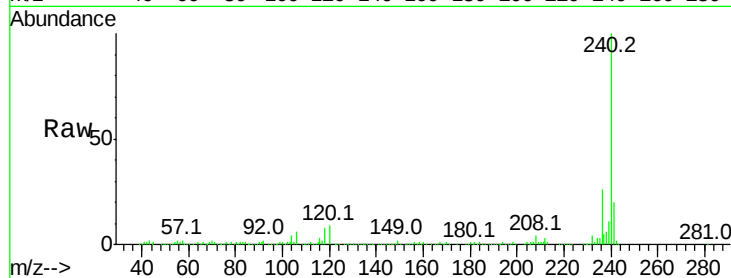
ClientSampleID :

LAR1020

Tot Ion:	240	Resp:	380210
Ion Ratio	Lower	Upper	
240	100		
120	9.1	12.9	19.3#
236	25.7	20.9	31.3

Manual Integrations
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#78

Terphenyl-d14

Concen: 62.14 ng

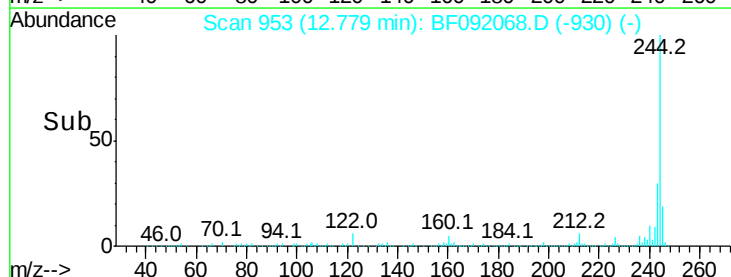
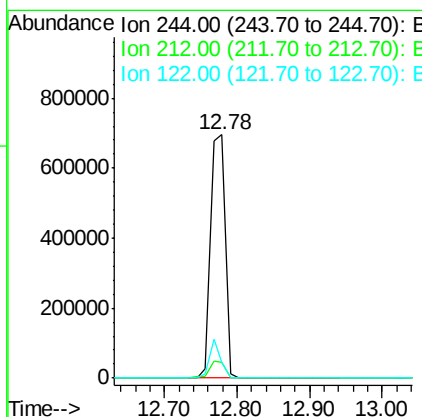
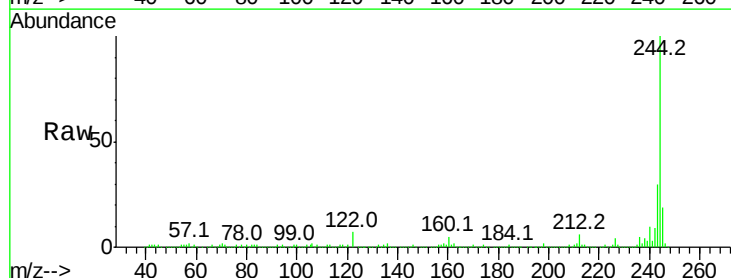
RT: 12.78 min Scan# 953

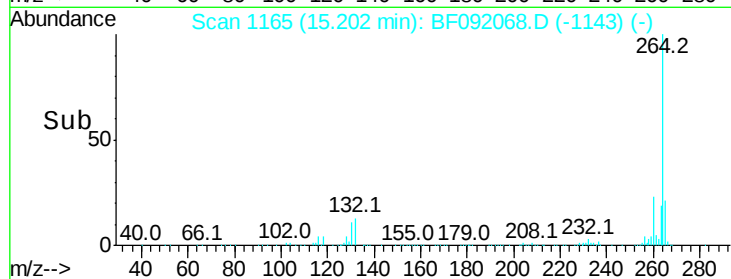
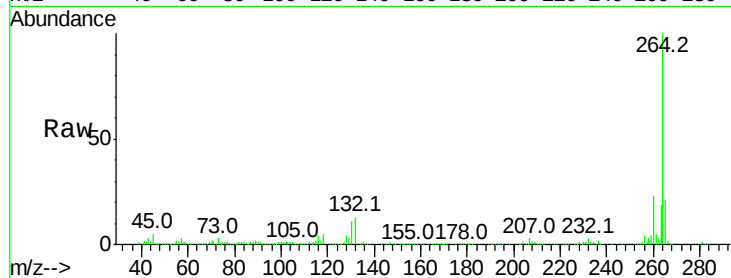
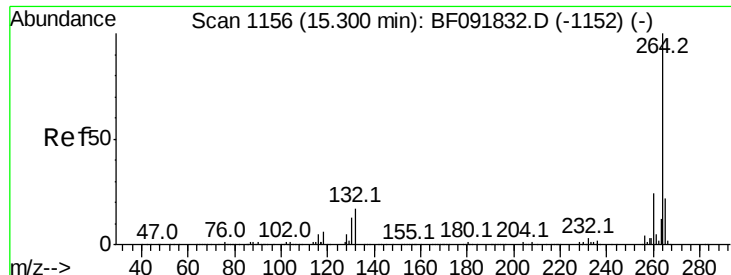
Delta R.T. -0.04 min

Lab File: BF092068.D

Acq: 3 Jan 2017 18:46

Tgt Ion:	244	Resp:	974245
Ion Ratio	Lower	Upper	
244	100		
212	6.2	6.2	9.2
122	6.5	11.4	17.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF092068.D
Acq: 3 Jan 2017 18:46

Instrument :
BNA_F
ClientSampleId :
LAR1020

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.8	17.4	26.0

Manual Integrations
APPROVED

Sohil
1/4/2017 2:05:48 PM

