

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102616.D
 Acq On : 29 Jan 2018 23:59
 Operator : SJ/JU
 Sample : J1303-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

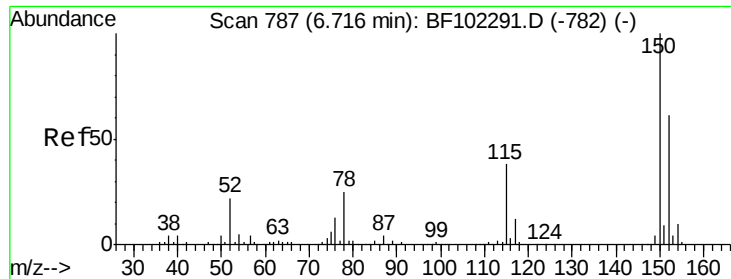
Manual Integrations
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Quant Time: Jan 30 08:12:17 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158487	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	651075	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	223199	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	304128	20.00	ng	0.00
75) Chrysene-d12	13.89	240	244210	20.00	ng	0.00
86) Perylene-d12	15.32	264	95082	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1222975	117.00	ng	0.02
7) Phenol-d6	6.37	99	1469402	116.61	ng	0.00
23) Nitrobenzene-d5	7.29	82	1052247	92.88	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	244264	110.45	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1614758	106.37	ng	0.00
78) Terphenyl-d14	12.83	244	991667	91.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	79468	9.076	ng	89
15) Benzyl Alcohol	6.91	79	2912581	327.582	ng	98
31) Naphthalene	8.02	128	77331	2.379	ng	# 86
32) Benzoic acid	7.85	122	410658	55.317	ng	95
37) 2-Methylnaphthalene	8.71	142	136389	6.300	ng	98
45) 1,1'-Biphenyl	9.17	154	57239	2.868	ng	98
65) n-Nitrosodiphenylamine	10.41	169	45867	4.109	ng	# 60
83) Bis(2-ethylhexyl)phthalate	13.85	149	92266	7.307	ng	# 98

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



#1

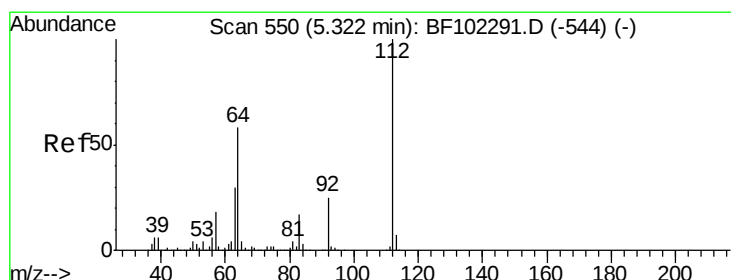
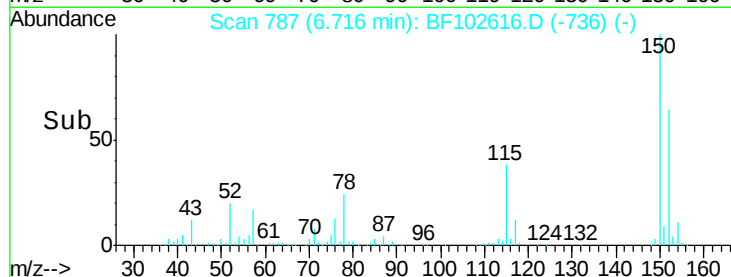
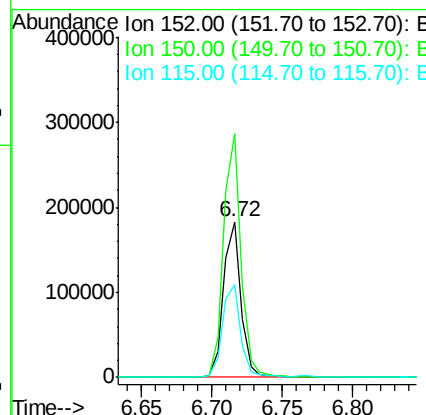
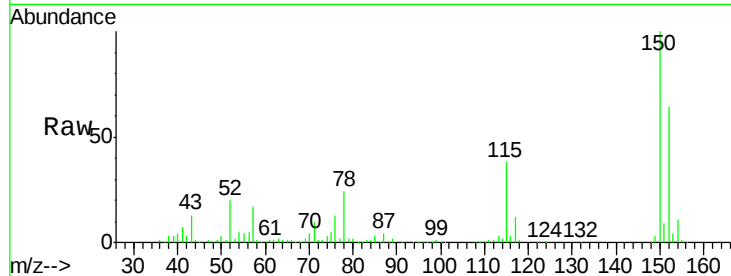
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Instrument :
BNA_F
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	59.7	50.1	75.1

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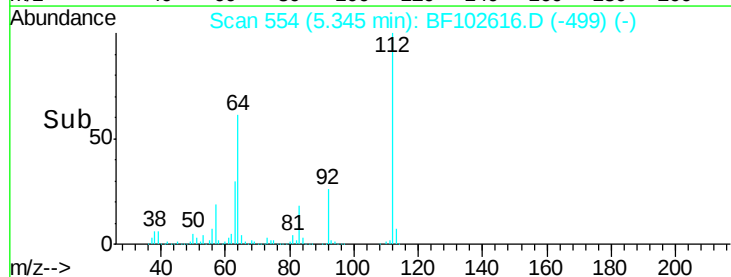
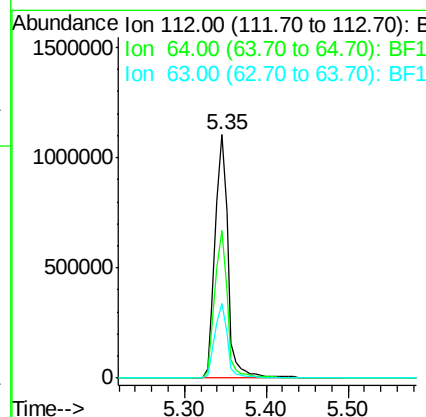
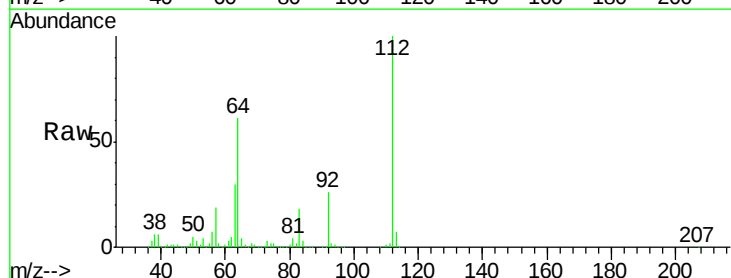
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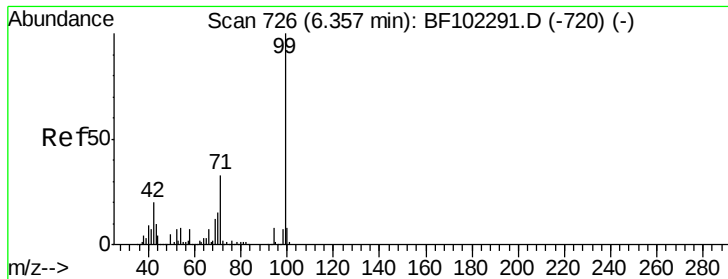


#5

2-Fluorophenol
Concen: 117.003 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 116.606 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102616.D

Acq: 29 Jan 2018 23:59

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH

Tgt Ion: 99 Resp: 1469402

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

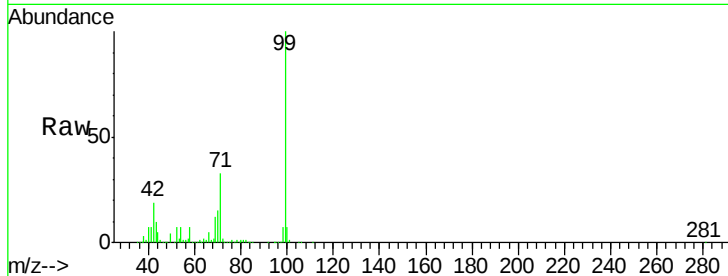
71 32.8 25.4 38.0

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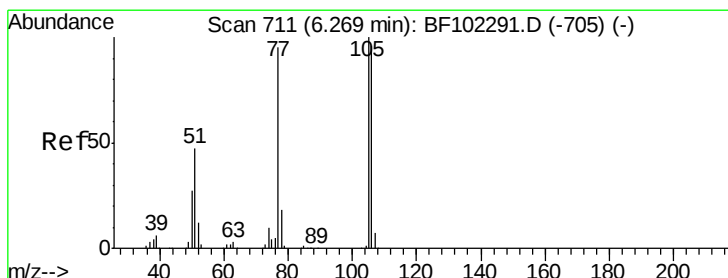
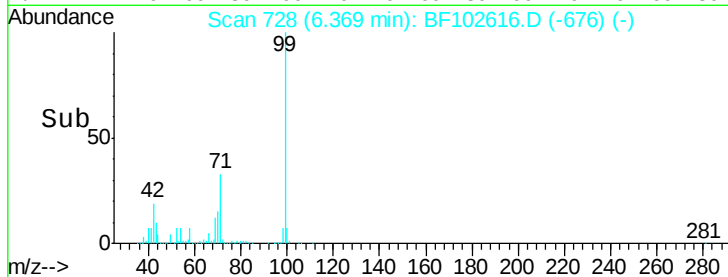
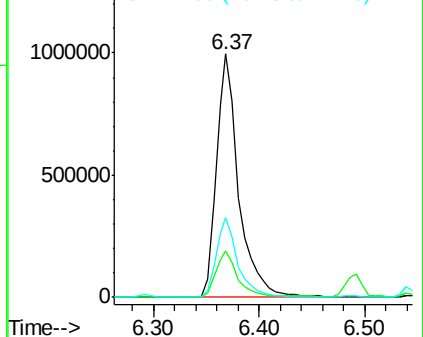
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 9.076 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102616.D

Acq: 29 Jan 2018 23:59

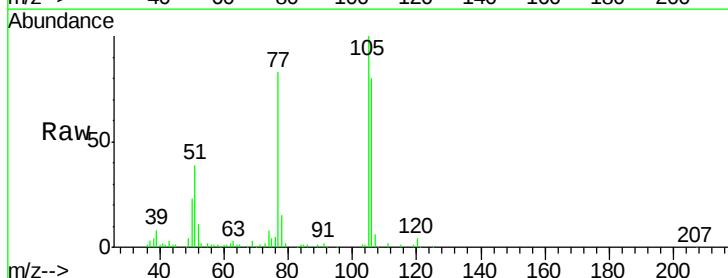
Tgt Ion: 77 Resp: 79468

Ion Ratio Lower Upper

77 100

105 120.2 81.1 121.1

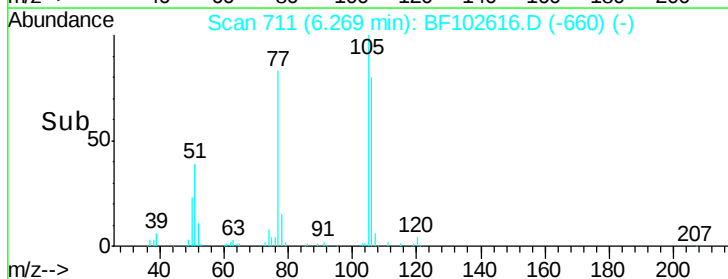
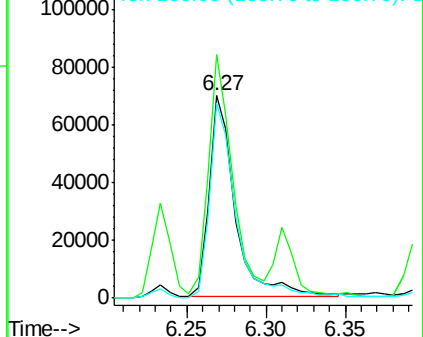
106 96.0 74.5 114.5

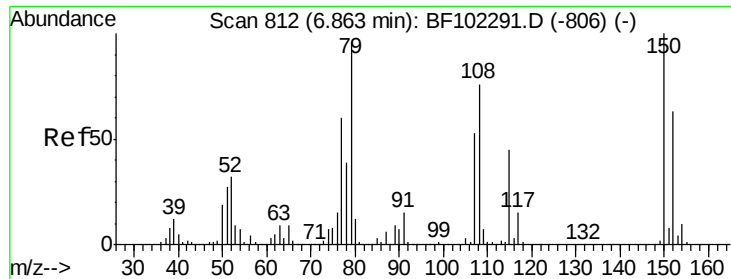


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





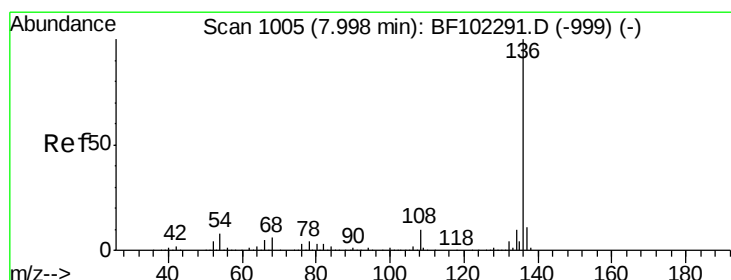
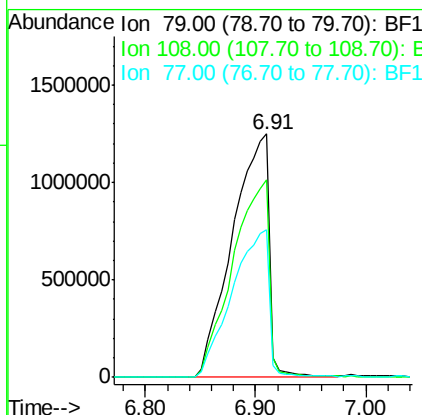
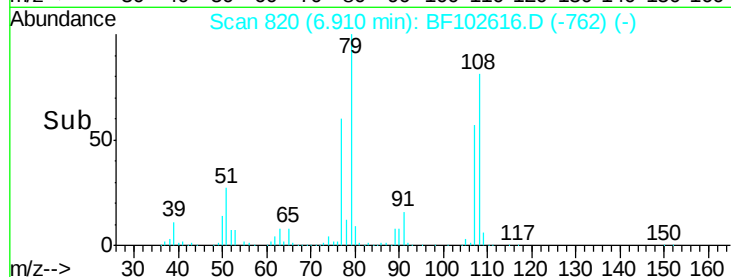
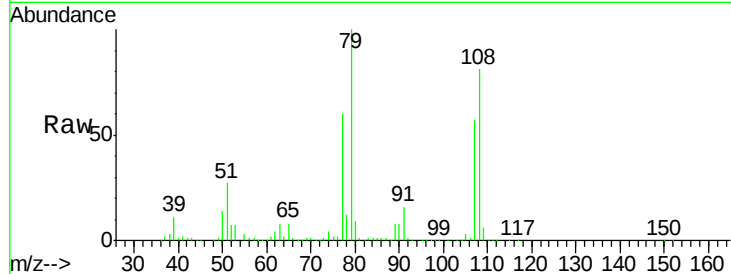
#15
Benzyl Alcohol
Concen: 327.582 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.04 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 2912581
Ion Ratio Lower Upper
79 100
108 81.1 65.1 97.7
77 60.4 50.6 75.8

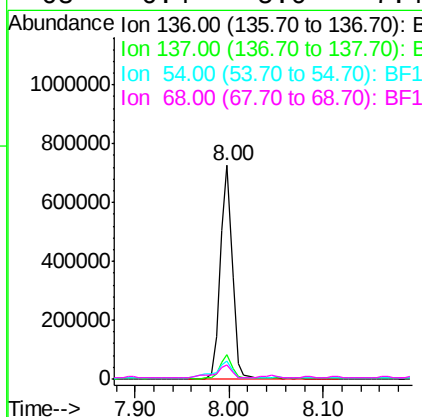
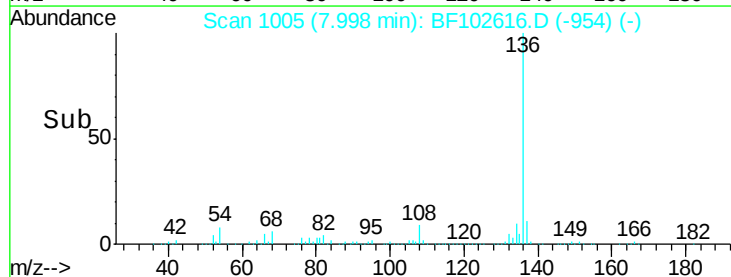
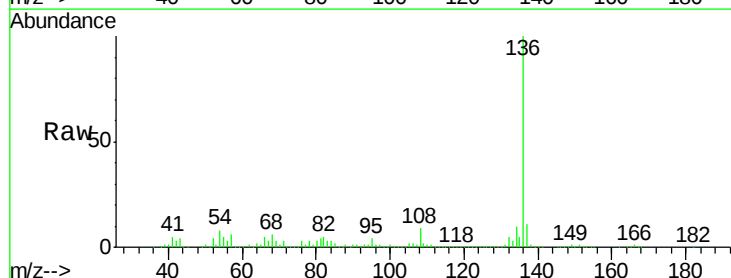
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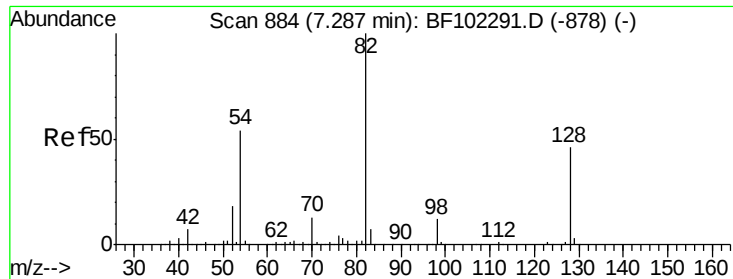
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Tgt Ion: 136 Resp: 651075
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.4 6.6 9.8
68 6.4 5.0 7.4





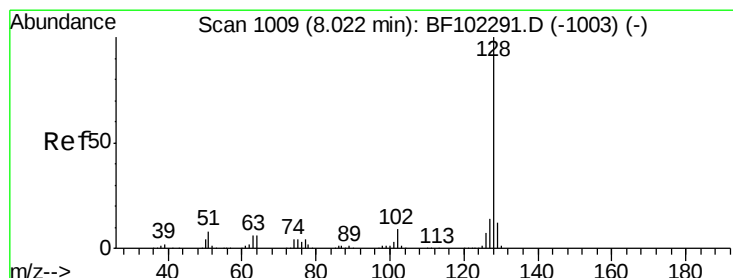
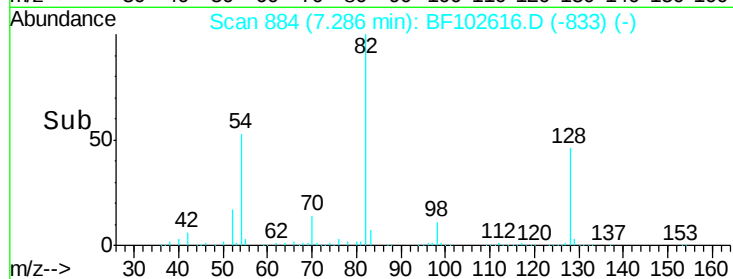
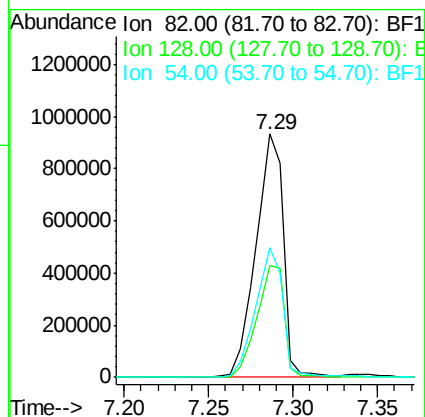
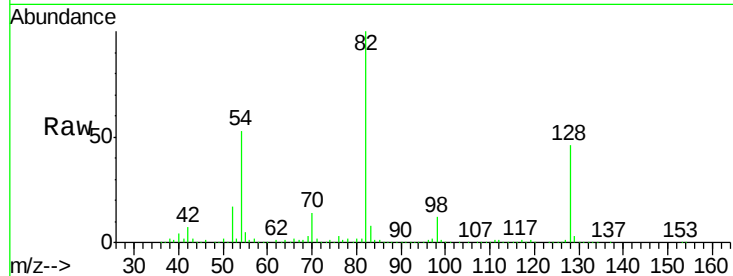
#23
Nitrobenzene-d5
Concen: 92.876 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion: 82 Resp: 1052247
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 53.2 41.4 62.2

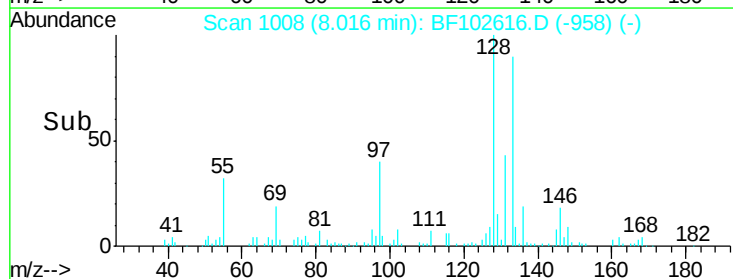
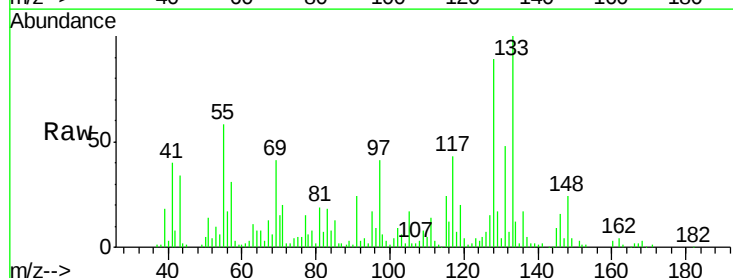
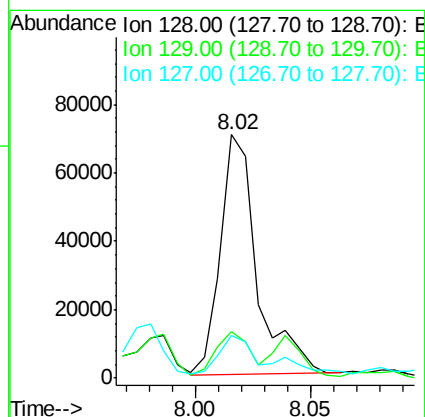
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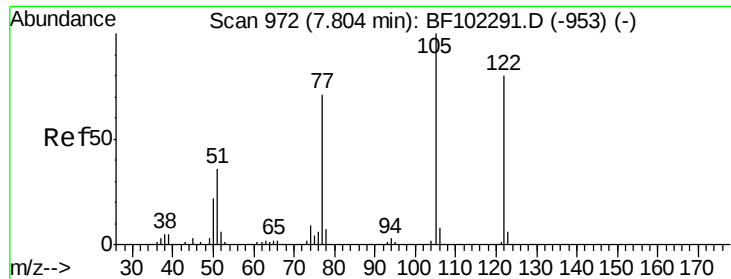
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#31
Naphthalene
Concen: 2.379 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Tgt Ion: 128 Resp: 77331
Ion Ratio Lower Upper
128 100
129 18.9 8.8 13.2#
127 17.3 10.9 16.3#





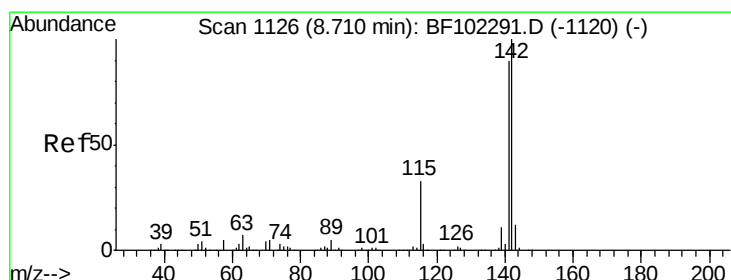
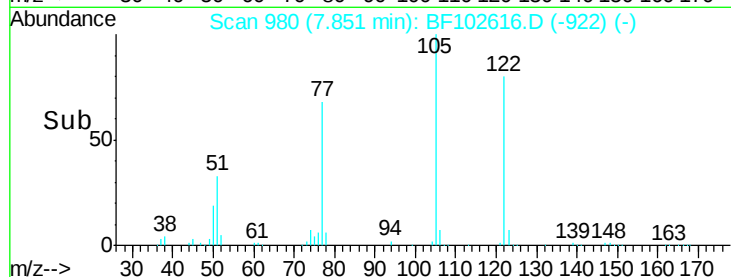
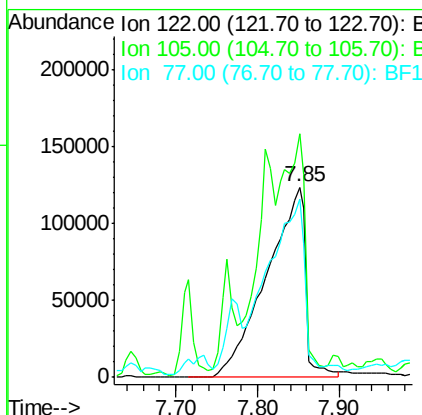
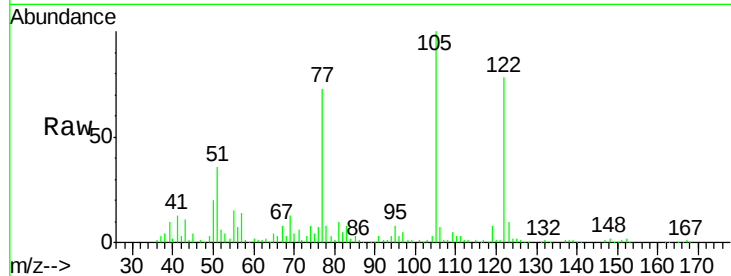
#32
Benzoic acid
Concen: 55.317 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.04 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	101.1	141.1
77	94.1	70.7	110.7

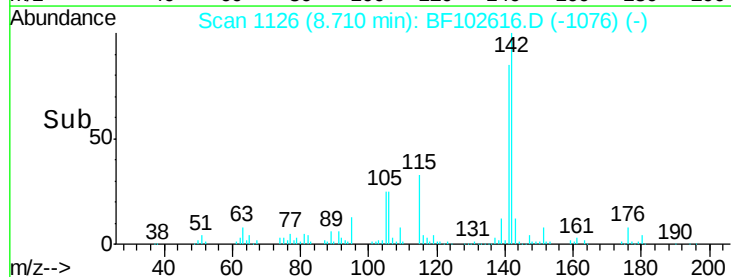
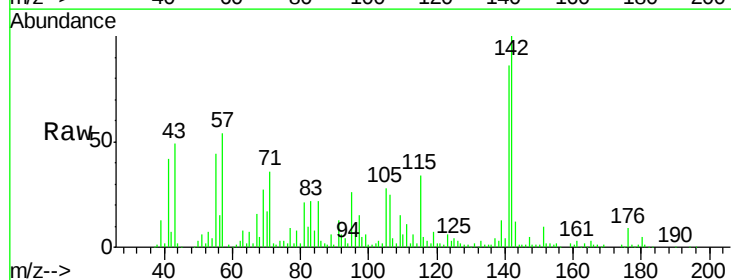
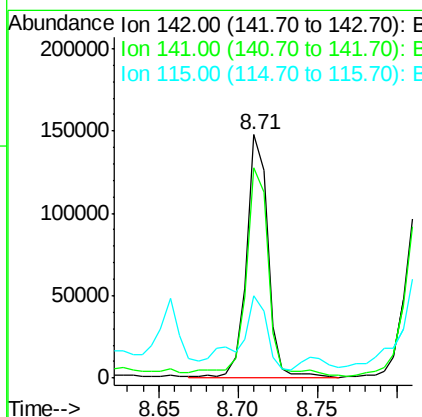
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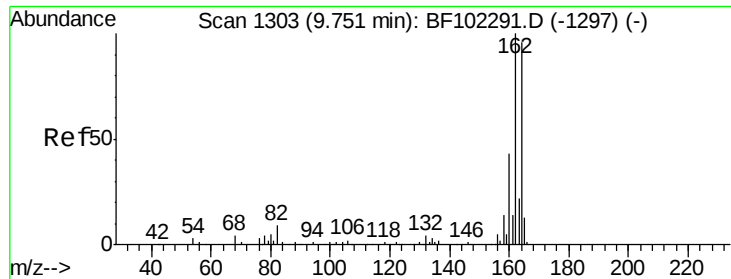
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#37
2-Methylnaphthalene
Concen: 6.300 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.8	106.2
115	33.6	26.1	39.1





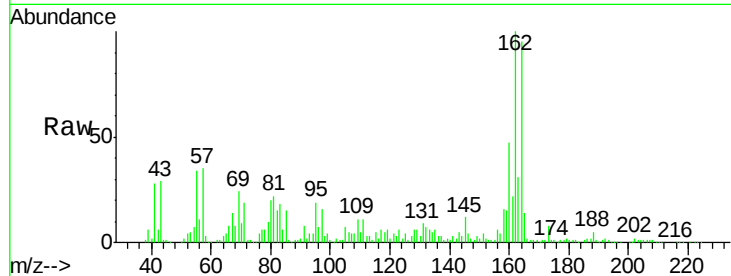
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH

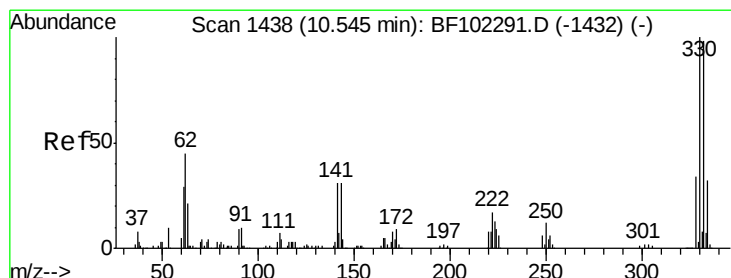
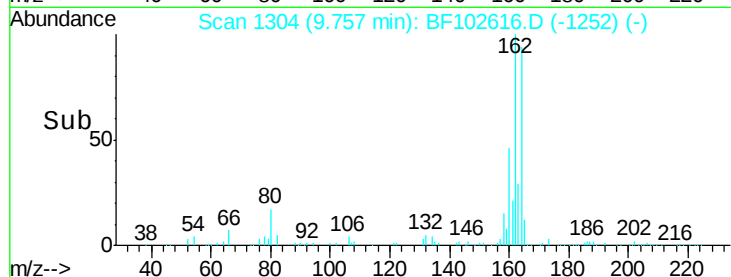
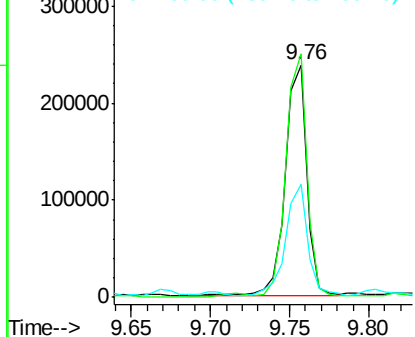
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223199		
162	104.9	86.1	129.1	
160	48.8	38.3	57.5	

Manual Integrations
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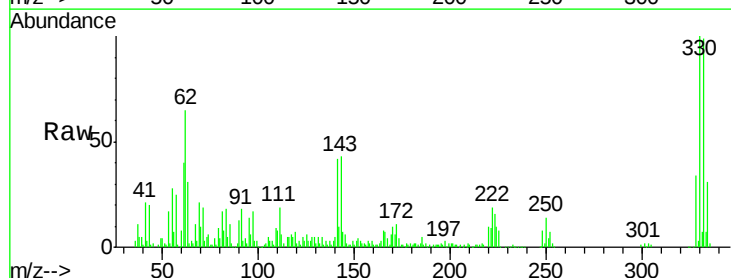


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

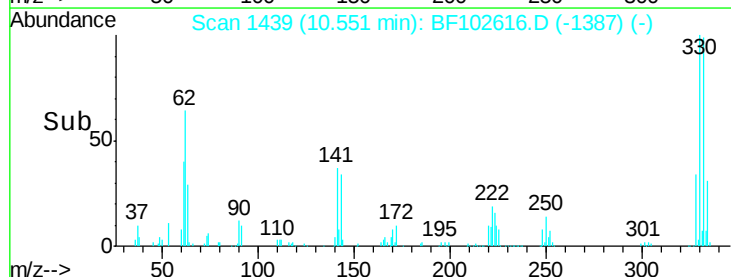
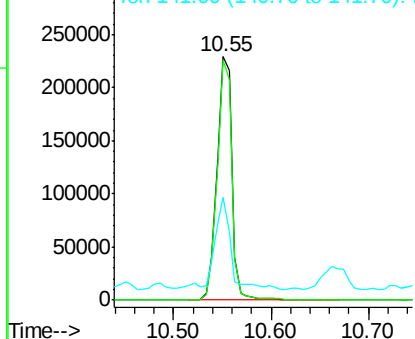


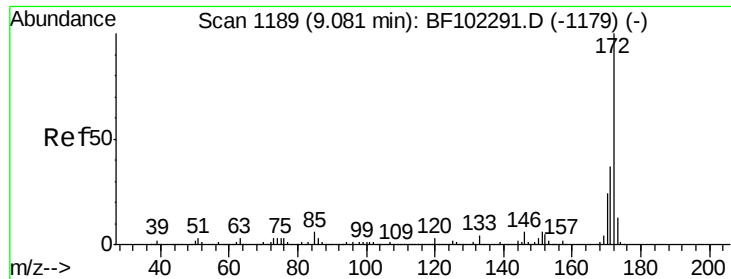
#41
2,4,6-Tribromophenol
Concen: 110.448 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102616.D
Acq: 29 Jan 2018 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	244264		
332	96.7	77.0	115.6	
141	37.7	29.9	44.9	



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





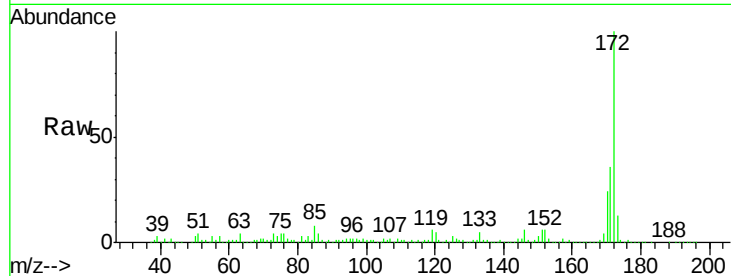
#44
 2-Fluorobiphenyl
 Concen: 106.374 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102616.D
 Acq: 29 Jan 2018 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

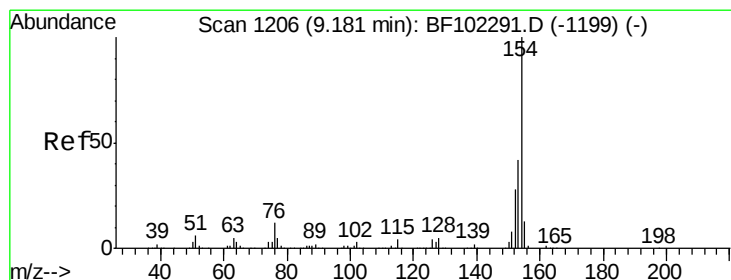
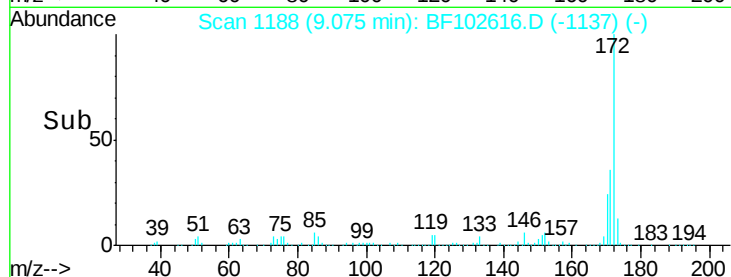
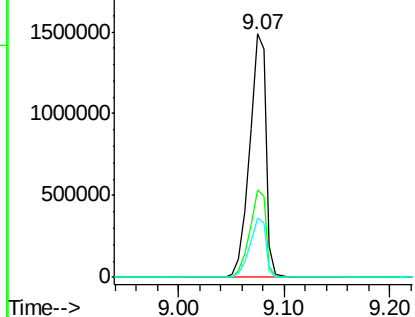
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4

Manual Integrations
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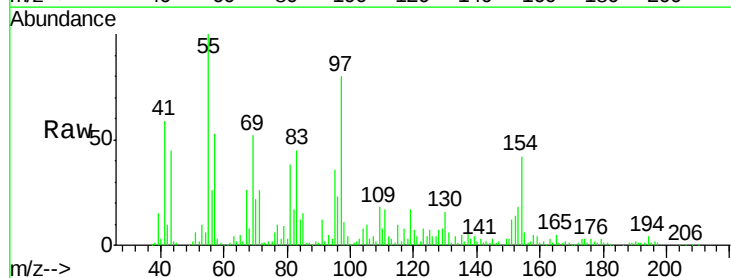


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

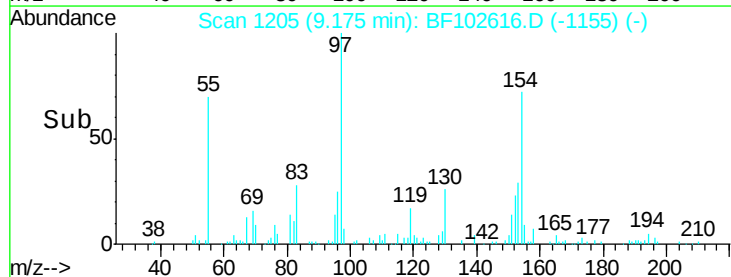
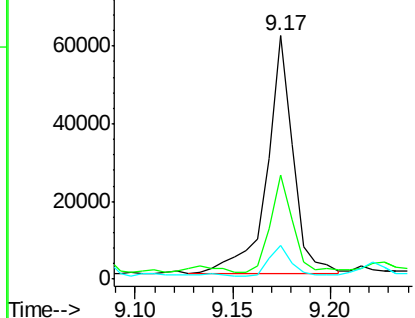


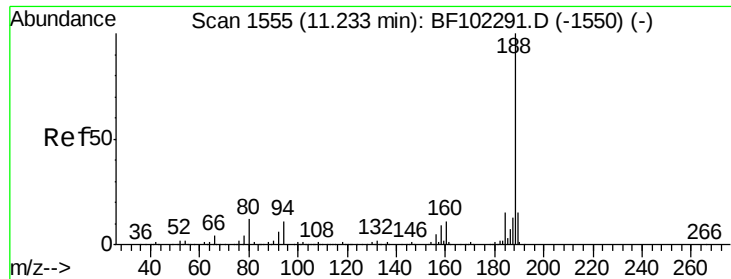
#45
 1,1'-Biphenyl
 Concen: 2.868 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102616.D
 Acq: 29 Jan 2018 23:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.3	61.3
76	13.8	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF102616.D

Acq: 29 Jan 2018 23:59

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:188 Resp: 304128
Ion Ratio Lower Upper

188 100

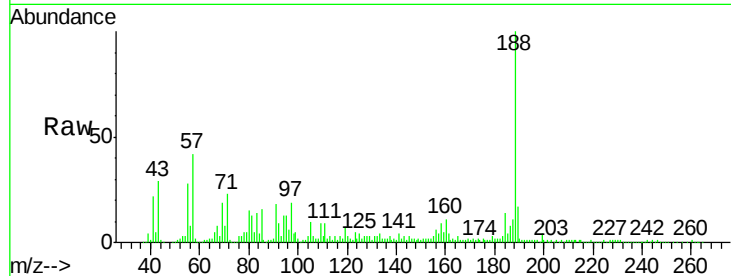
94 12.5 8.5 12.7

80 14.8 9.2 13.8#

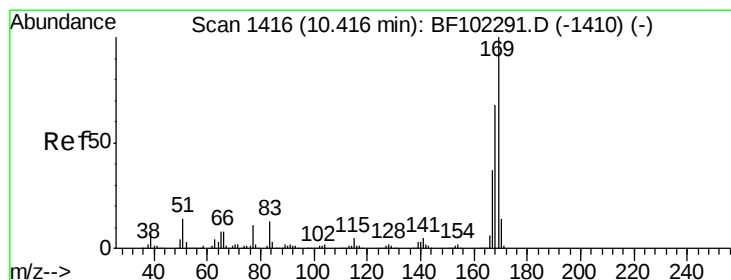
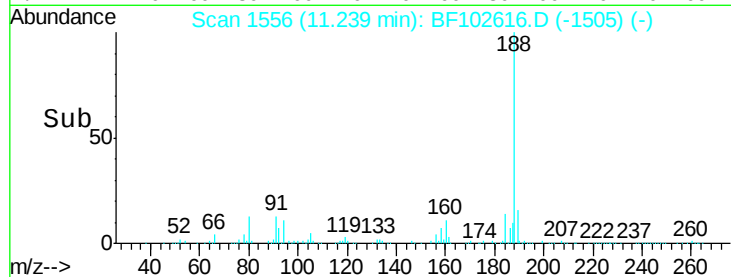
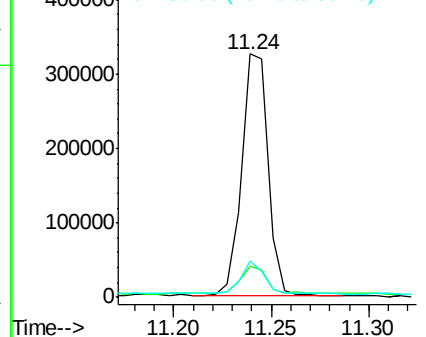
Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 4.109 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF102616.D

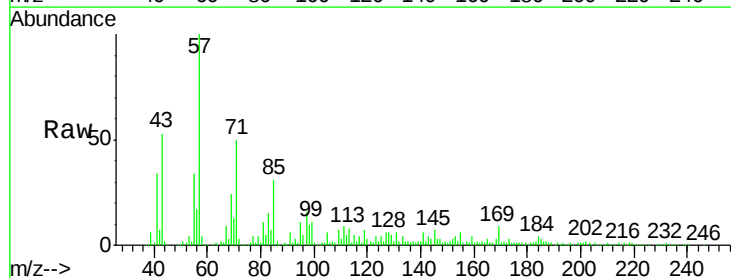
Acq: 29 Jan 2018 23:59

Tgt Ion:169 Resp: 45867
Ion Ratio Lower Upper

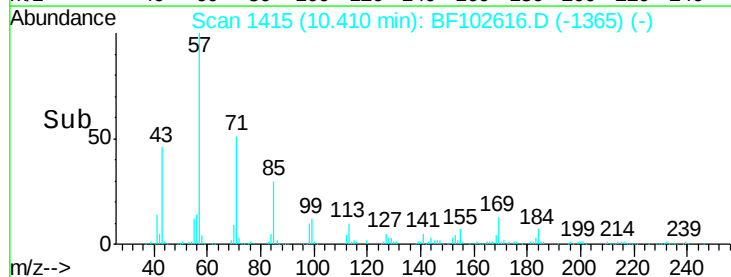
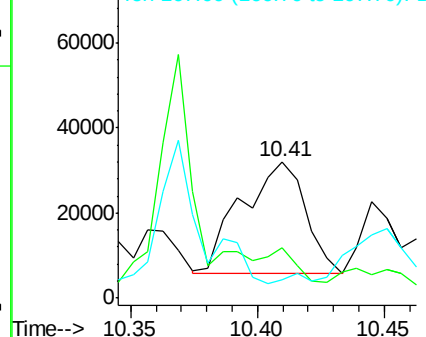
169 100

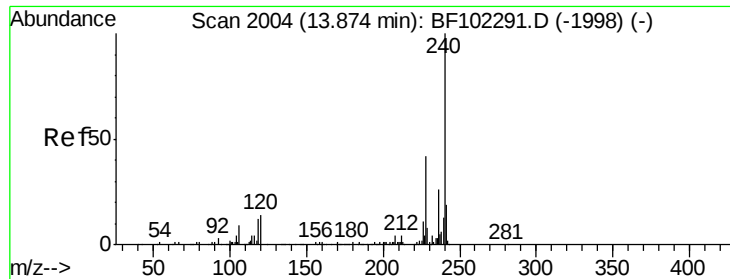
168 36.4 54.4 81.6#

167 13.1 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102616.D

Acq: 29 Jan 2018 23:59

Instrument :

BNA_F

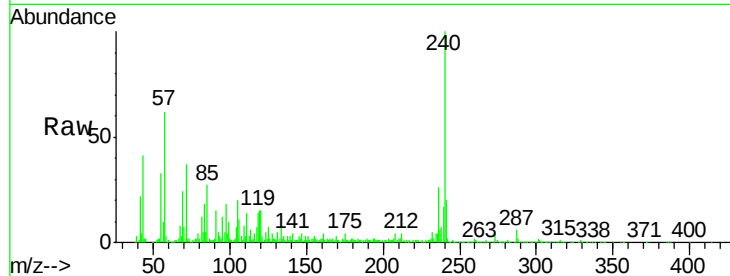
ClientSampleId :

CHASSIS-WASH

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	26.3	20.7	31.1

Manual Integrations
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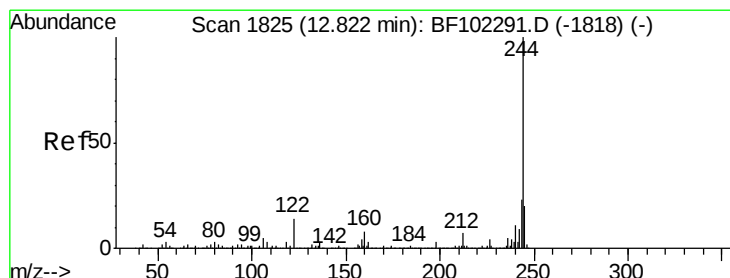
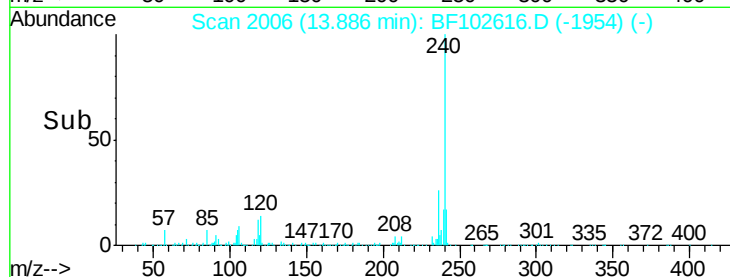
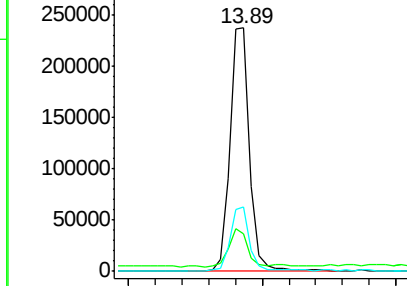
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 91.543 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102616.D

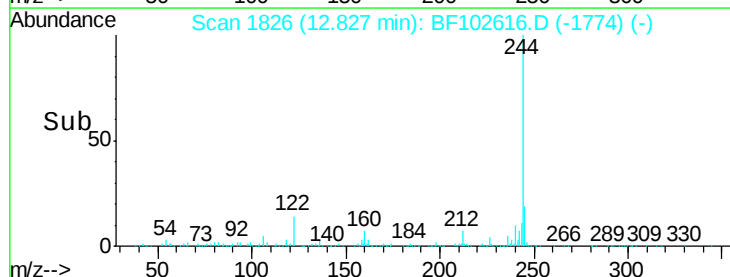
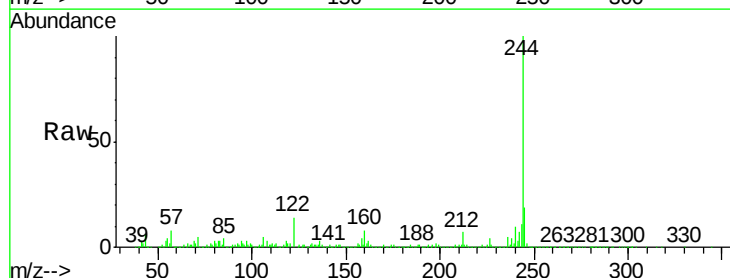
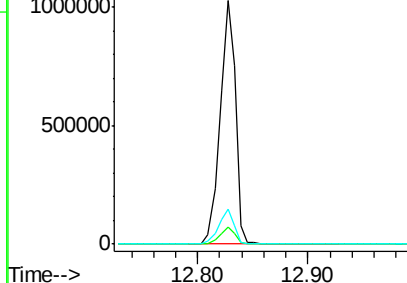
Acq: 29 Jan 2018 23:59

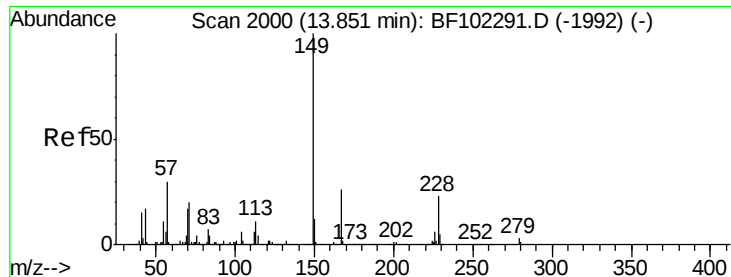
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.1	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





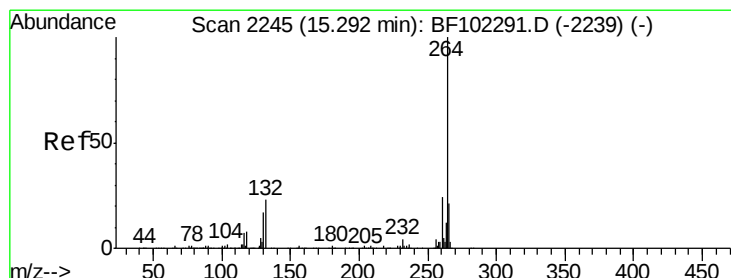
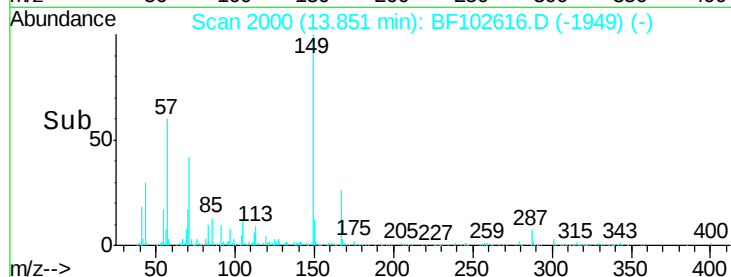
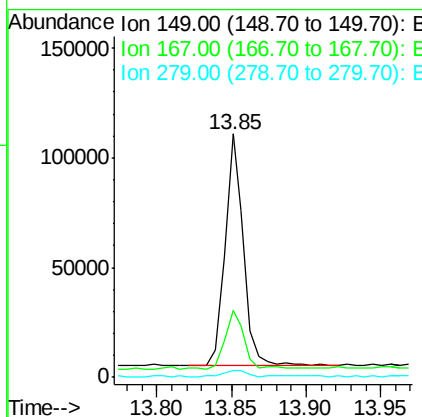
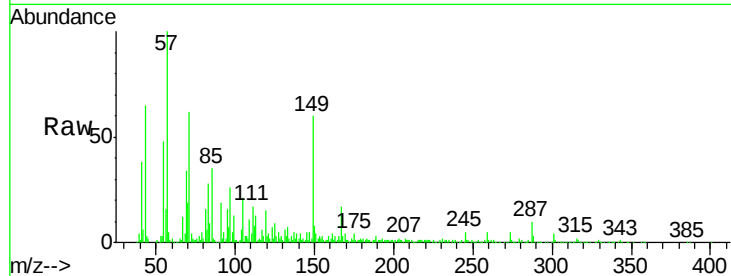
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.307 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102616.D
 Acq: 29 Jan 2018 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	3.0	3.0	4.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF102616.D
 Acq: 29 Jan 2018 23:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.2	28.8
265	21.7	17.5	26.3

