

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090911.D
 Acq On : 28 Oct 2016 16:38
 Operator : UM/SJ
 Sample : H5451-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-102616

Manual Integrations
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Quant Time: Nov 01 15:48:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	159774	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	642428	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	336633	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	560031	20.00	ng	0.00
75) Chrysene-d12	13.93	240	443601	20.00	ng	0.00
86) Perylene-d12	15.33	264	324140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1217537	133.24	ng	0.01
7) Phenol-d6	6.41	99	1382130	112.11	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1145423	116.72	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	472131	136.47	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1684611	87.87	ng	-0.01
78) Terphenyl-d14	12.88	244	1865037	105.92	ng	0.00
Target Compounds						
17) 2-Methylphenol	7.02	107	165299	19.28	ng	# 83
20) 3+4-Methylphenols	7.18	107	228806	23.05	ng	87
27) 2,4-Dimethylphenol	7.71	122	82238	9.13	ng	# 79
31) Naphthalene	8.08	128	1238406	41.24	ng	97
37) 2-Methylnaphthalene	8.76	142	146307	7.54	ng	# 90

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

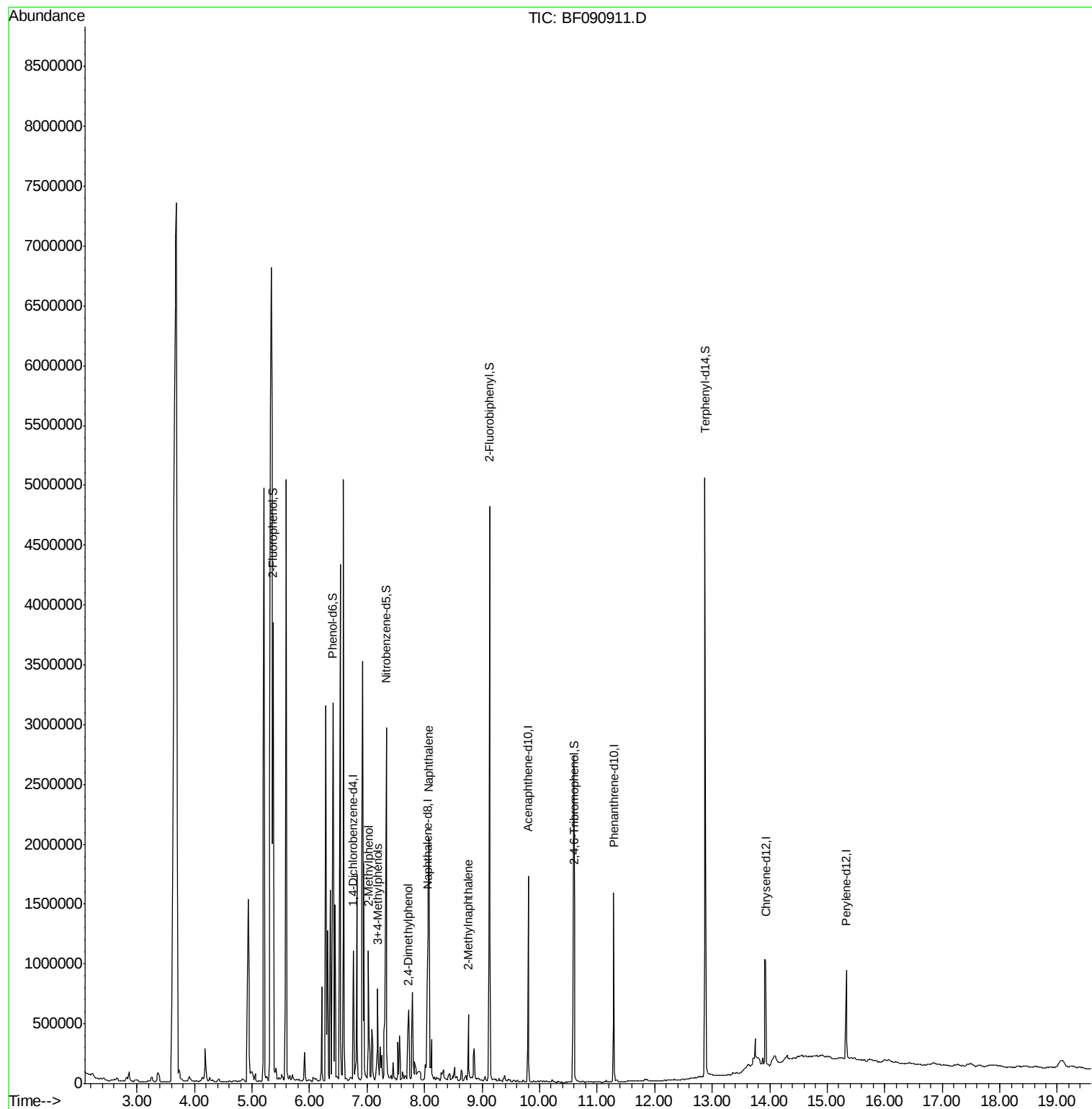
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
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Sample : H5451-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

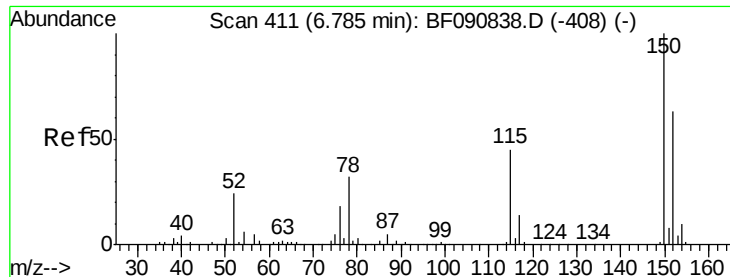
Instrument :
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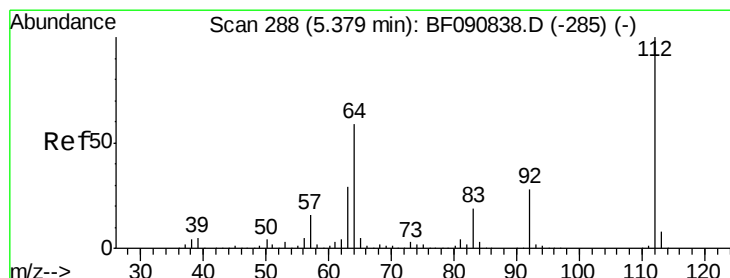
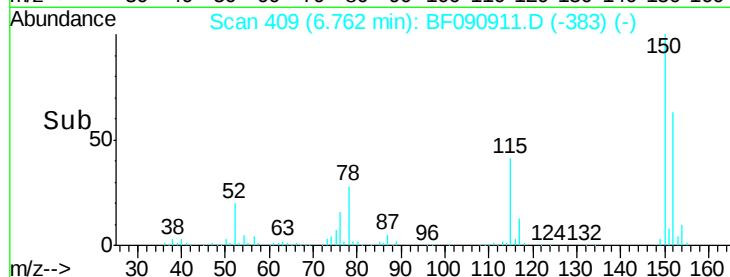
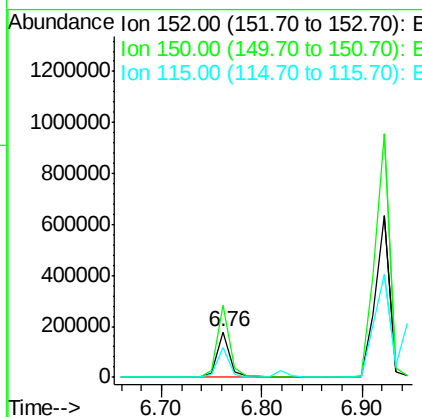
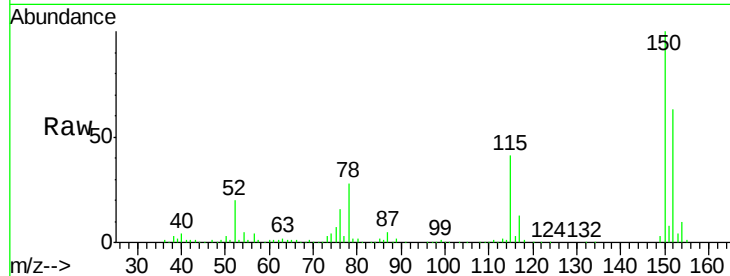
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

Instrument :
BNA_F
ClientSampleId :
MW-5A-102616

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.7	187.1
115	64.1	39.0	58.4

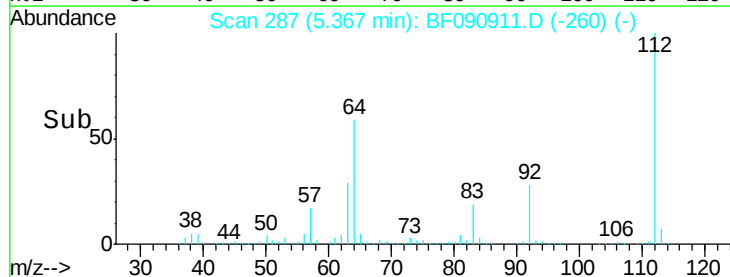
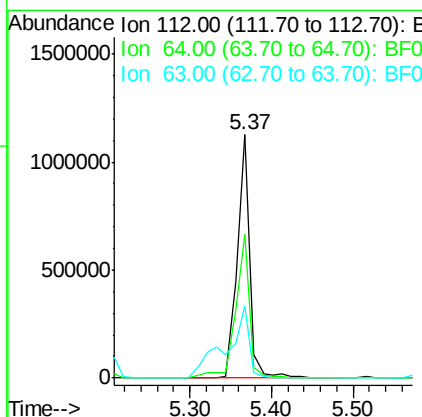
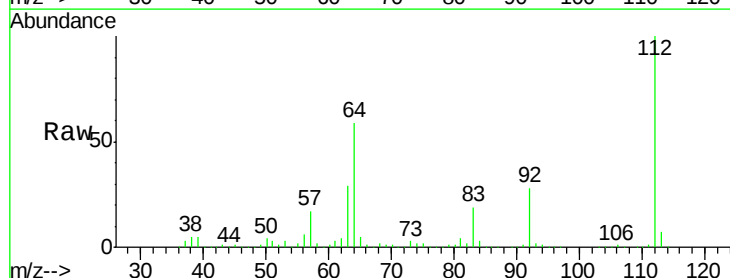
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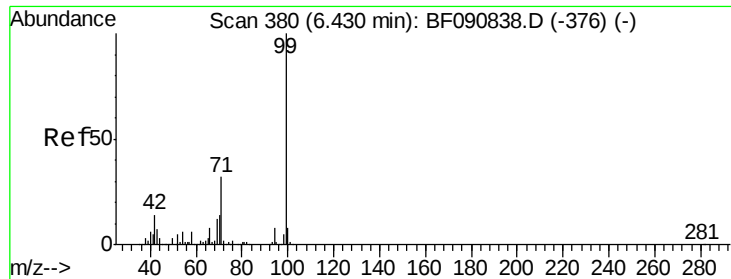
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#5
2-Fluorophenol
Concen: 133.24 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	39.7	59.5
63	29.5	17.4	26.0





#7

Phenol-d6

Concen: 112.11 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090911.D

Acq: 28 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

MW-5A-102616

Tgt Ion: 99 Resp: 1382130

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

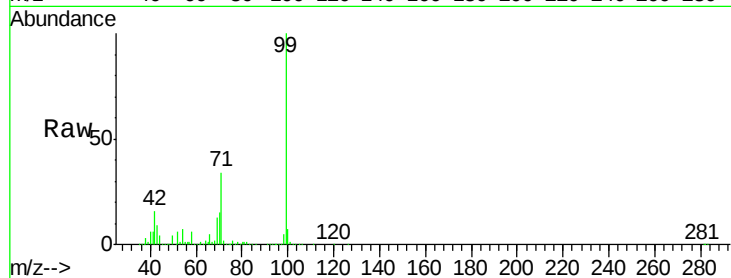
71 33.5 14.2 21.2#

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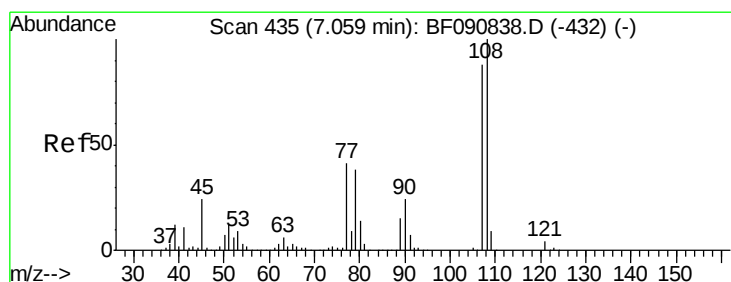
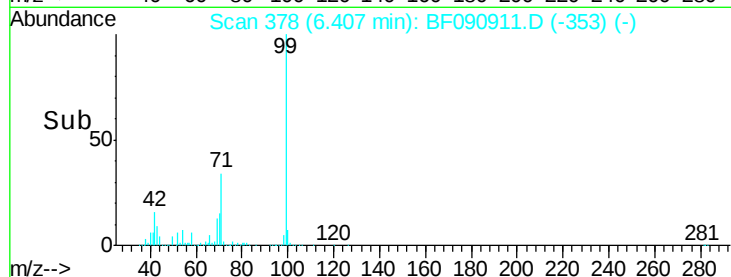
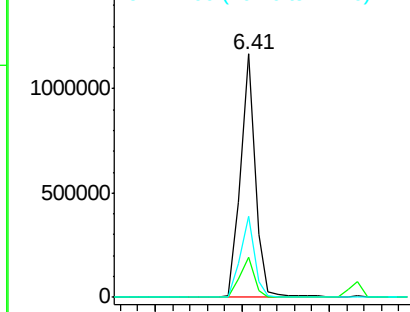


Abundance

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



#17

2-Methylphenol

Concen: 19.28 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF090911.D

Acq: 28 Oct 2016 16:38

Tgt Ion: 107 Resp: 165299

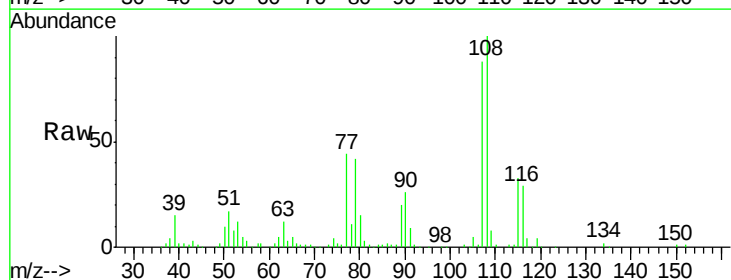
Ion Ratio Lower Upper

107 100

108 113.9 96.6 145.0

77 50.4 23.3 34.9#

79 47.9 22.0 33.0#



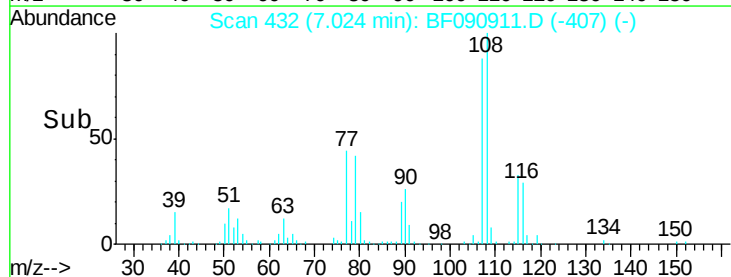
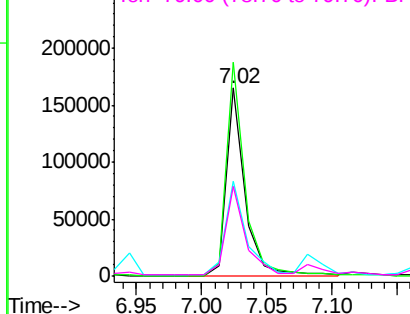
Abundance

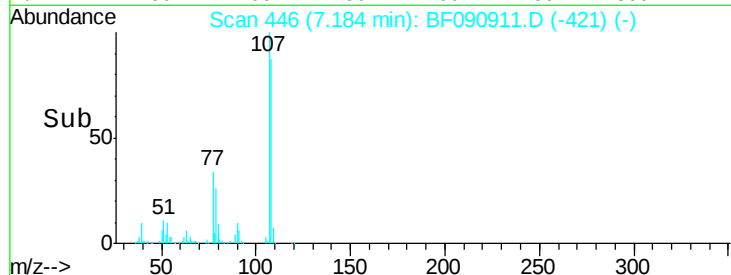
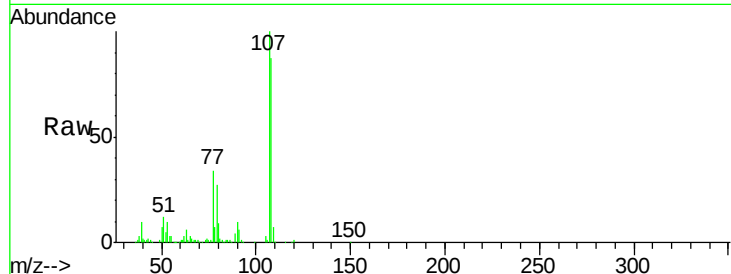
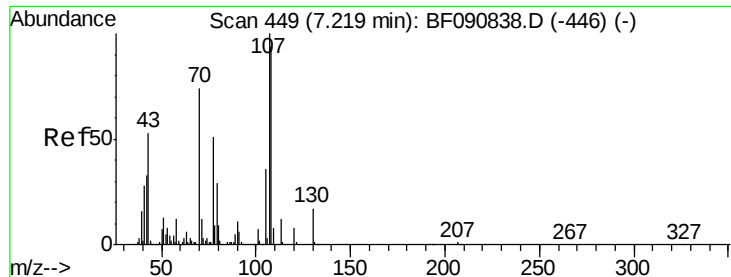
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

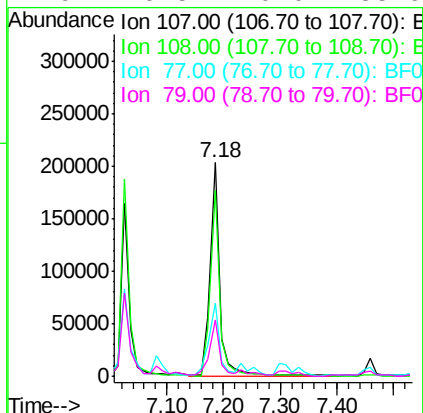
Ion 79.00 (78.70 to 79.70): BF0





#20
3+4-Methylphenols
Concen: 23.05 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

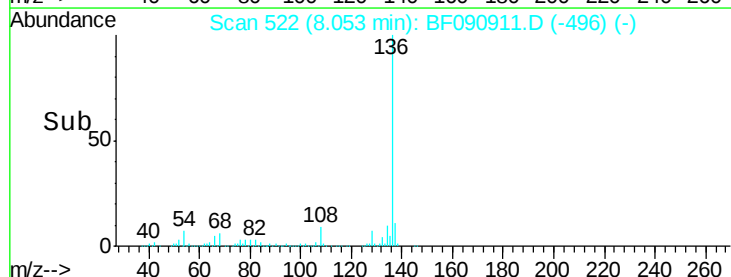
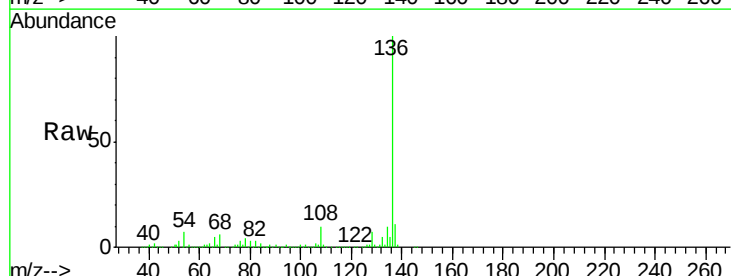
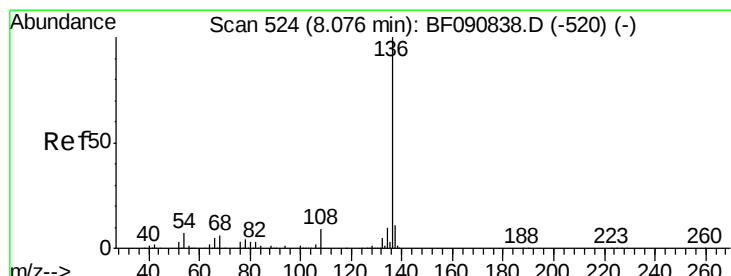
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	228806		
108	86.6	74.6	114.6	
77	34.1	0.7	40.7	
79	26.5	0.0	38.9	



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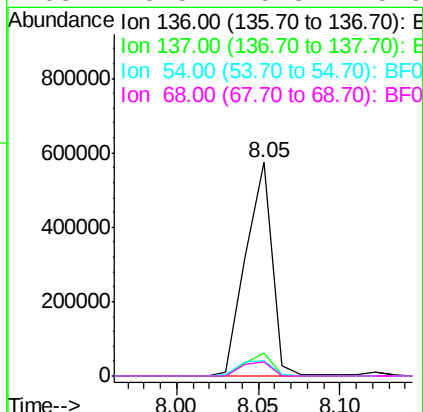
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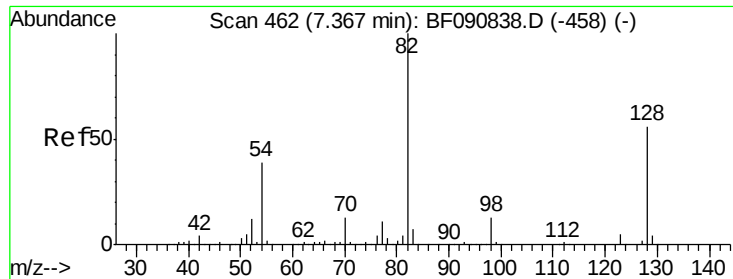
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	642428		
137	10.9	9.0	13.6	
54	6.9	8.2	12.2#	
68	6.5	5.8	8.6	





#23

Nitrobenzene-d5

Concen: 116.72 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090911.D

Acq: 28 Oct 2016 16:38

Instrument :

BNA_F

ClientSampleId :

MW-5A-102616

Tgt Ion: 82 Resp: 1145423

Ion Ratio Lower Upper

82 100

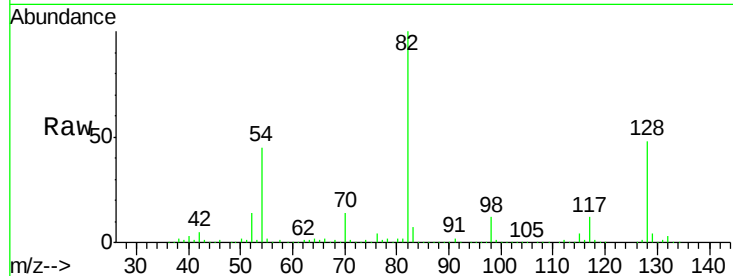
128 47.9 51.0 76.6#

54 45.0 47.5 71.3#

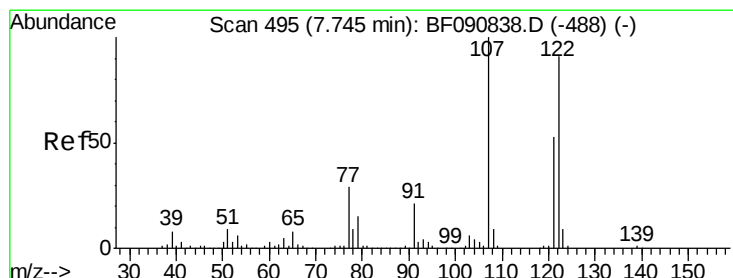
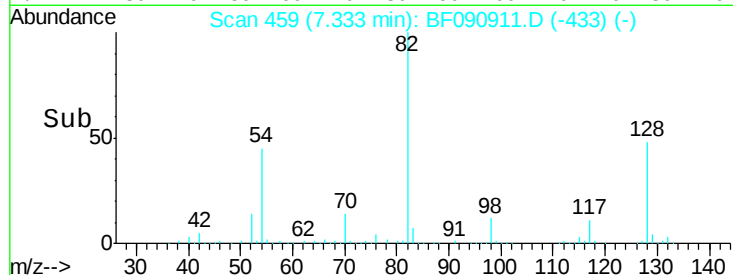
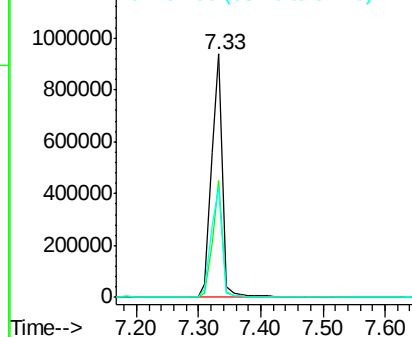
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#27

2,4-Dimethylphenol

Concen: 9.13 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF090911.D

Acq: 28 Oct 2016 16:38

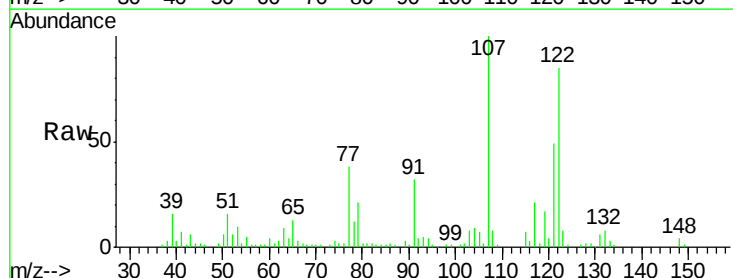
Tgt Ion: 122 Resp: 82238

Ion Ratio Lower Upper

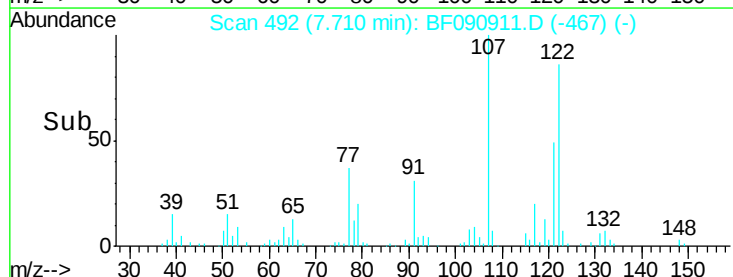
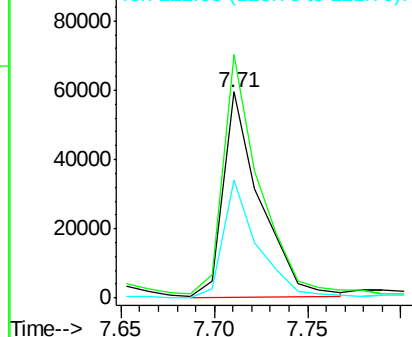
122 100

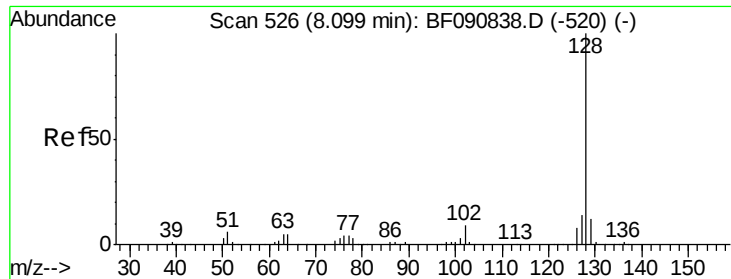
107 118.1 71.8 107.6#

121 57.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





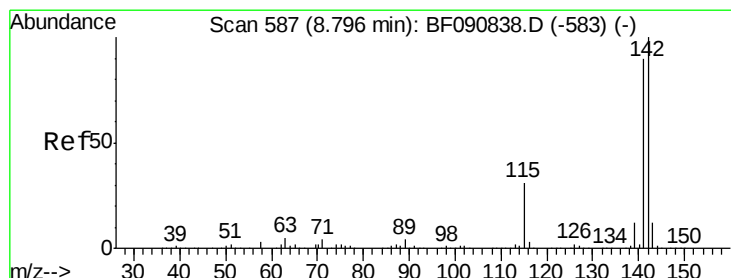
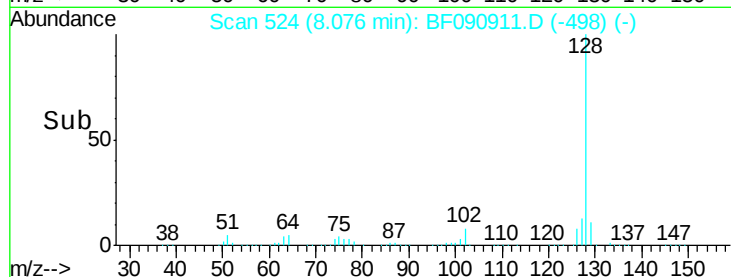
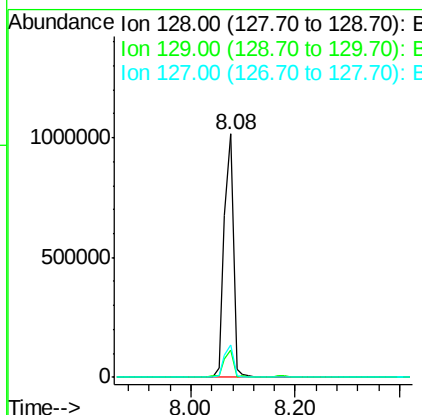
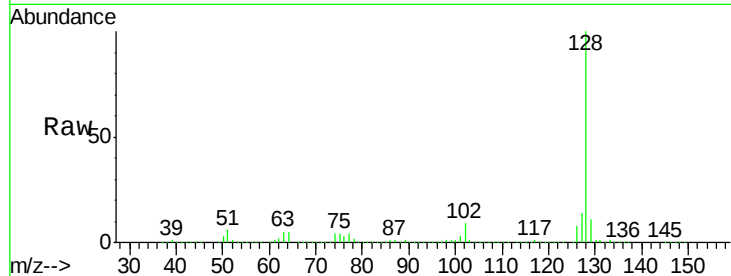
#31
Naphthalene
Concen: 41.24 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

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ClientSampleId :
MW-5A-102616

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	13.5	9.9	14.9

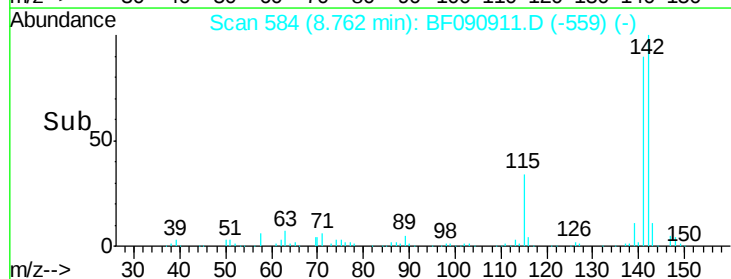
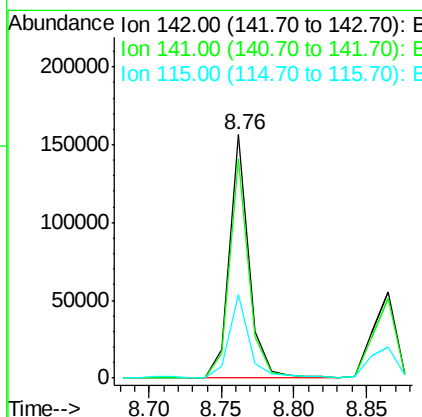
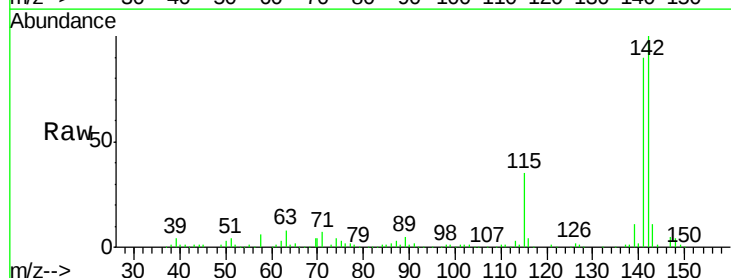
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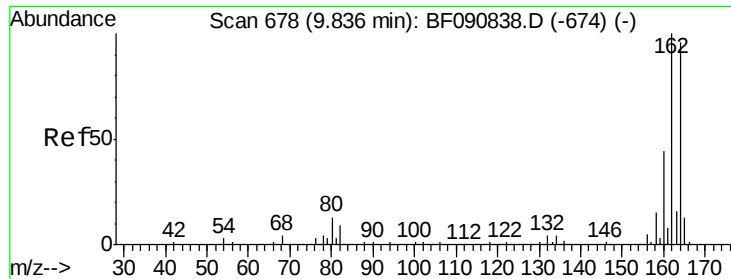
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#37
2-Methylnaphthalene
Concen: 7.54 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	67.5	101.3
115	34.6	18.2	27.2





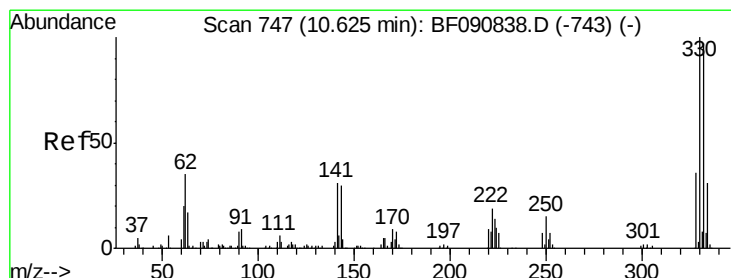
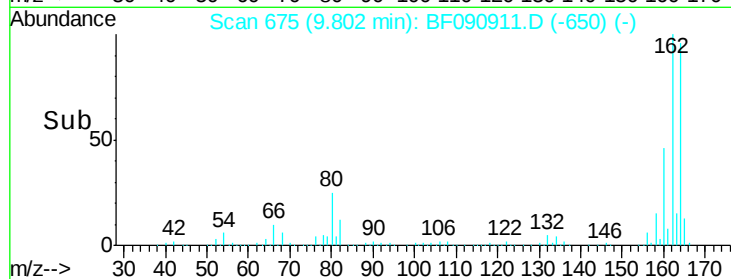
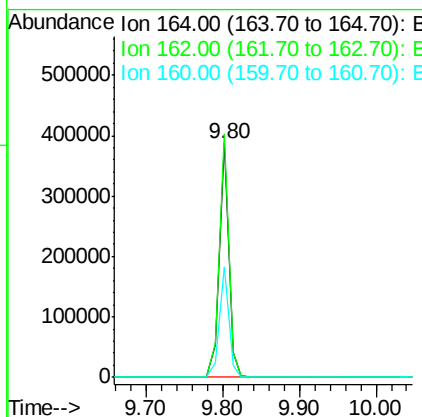
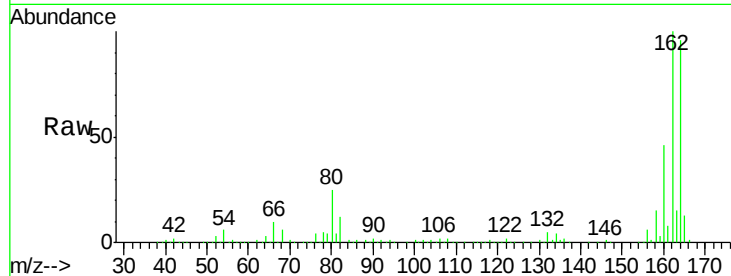
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090911.D
 Acq: 28 Oct 2016 16:38

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	75.2	112.8	
160	47.4	31.5	47.3#	

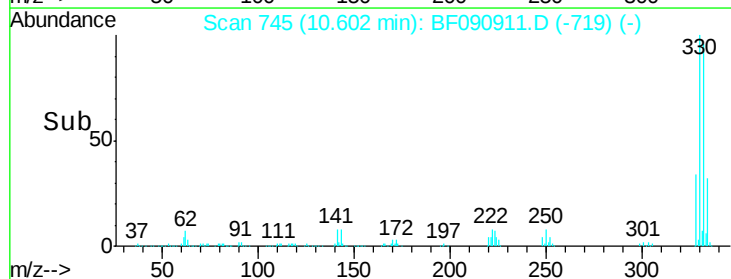
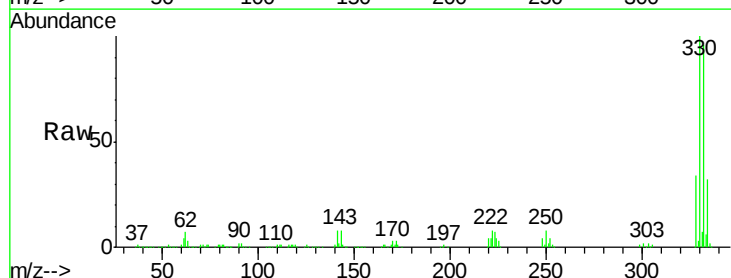
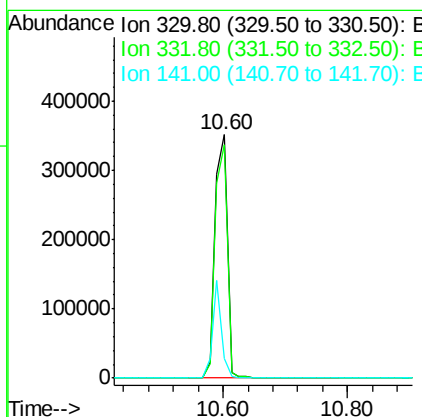
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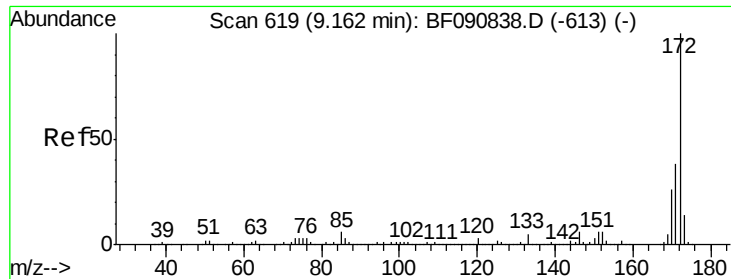
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#41
 2,4,6-Tribromophenol
 Concen: 136.47 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090911.D
 Acq: 28 Oct 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	76.6	114.8	
141	30.1	29.7	44.5	





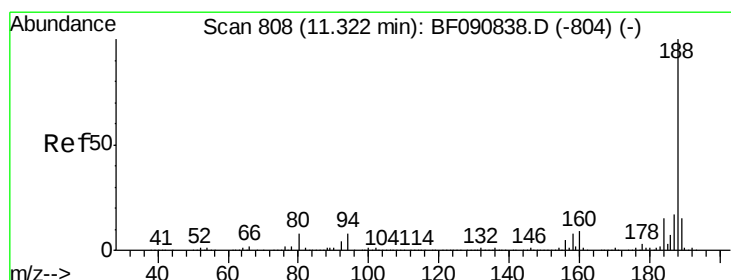
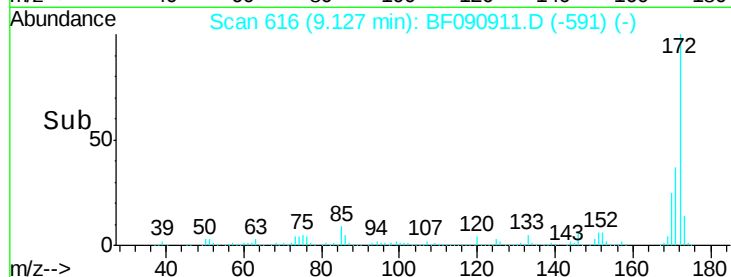
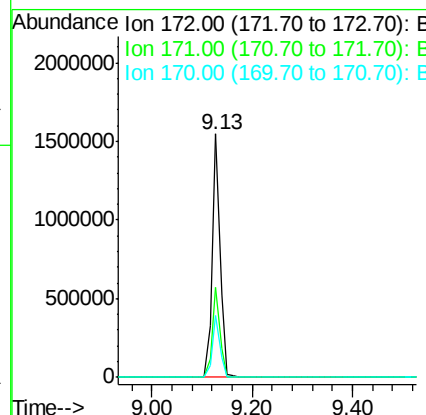
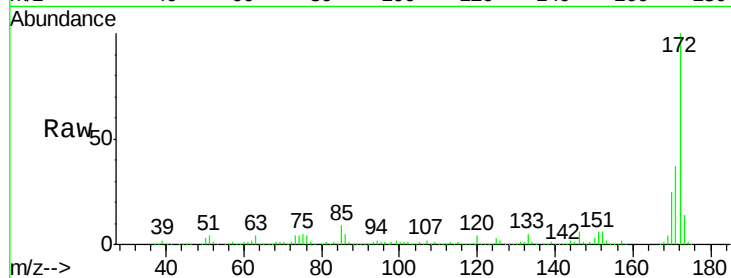
#44
 2-Fluorobiphenyl
 Concen: 87.87 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090911.D
 Acq: 28 Oct 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-5A-102616

Tgt Ion:172 Resp: 1684611
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.4 17.4 26.2

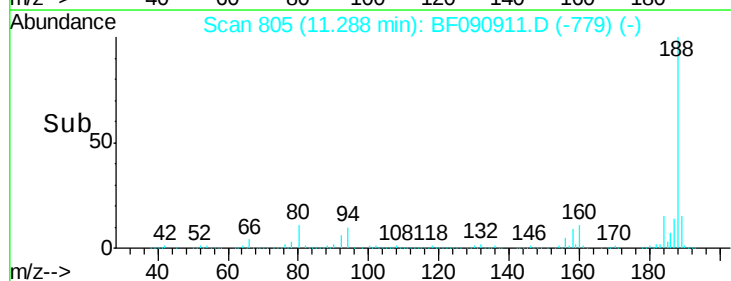
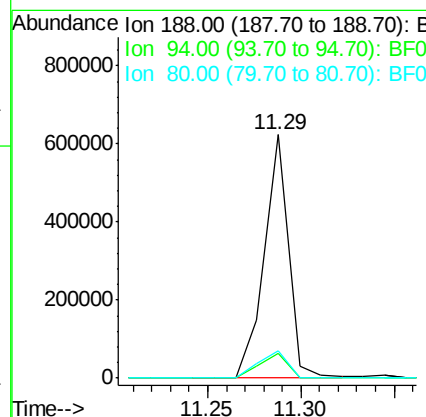
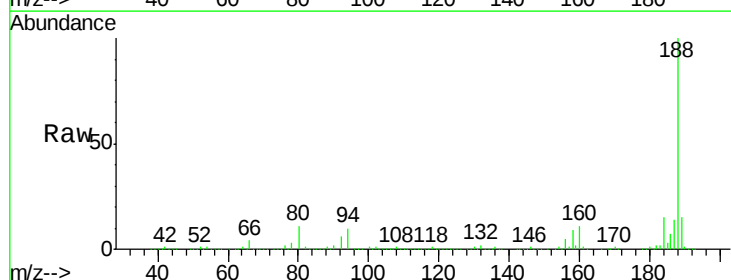
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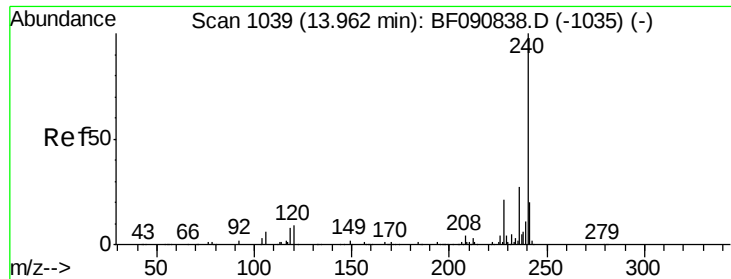
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF090911.D
 Acq: 28 Oct 2016 16:38

Tgt Ion:188 Resp: 560031
 Ion Ratio Lower Upper
 188 100
 94 10.4 11.1 16.7#
 80 11.3 11.0 16.4





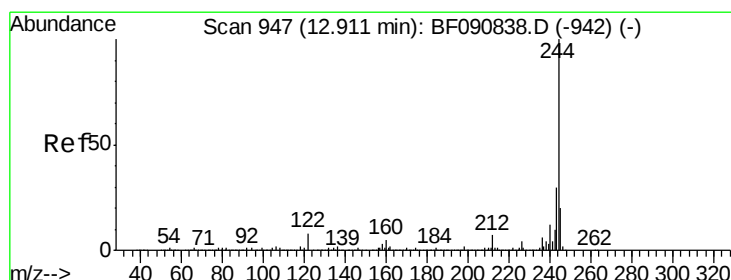
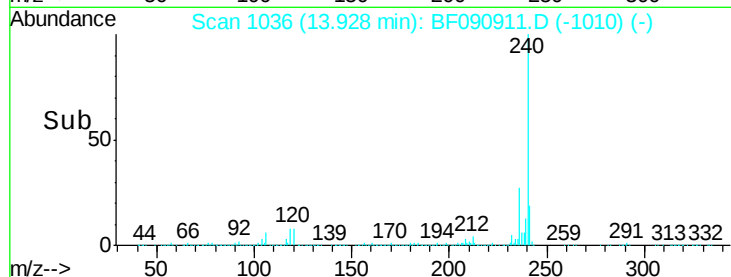
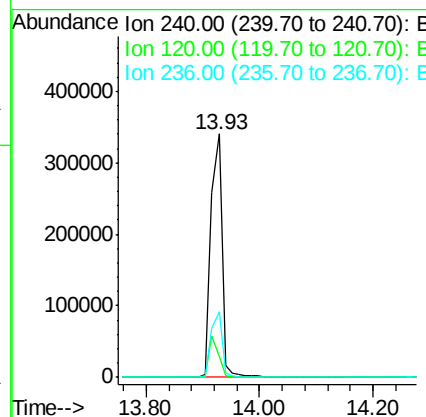
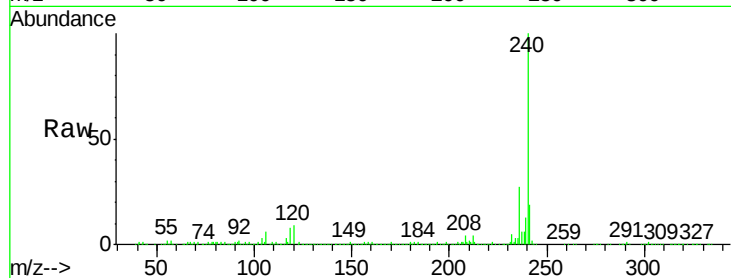
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

Instrument :
BNA_F
ClientSampleId :
MW-5A-102616

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	16.2	24.2#
236	26.8	18.4	27.6

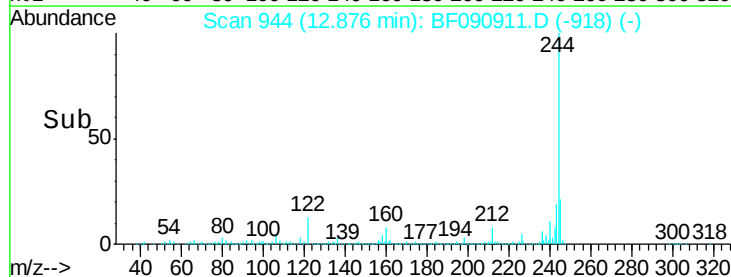
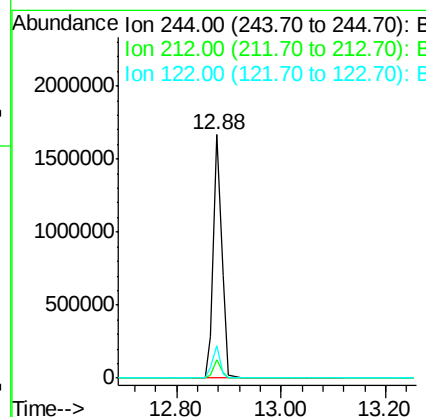
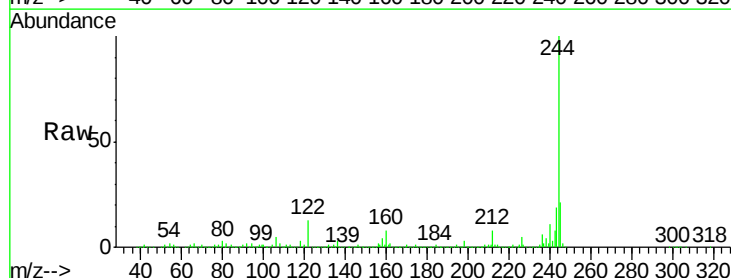
Manual Integrations
APPROVED

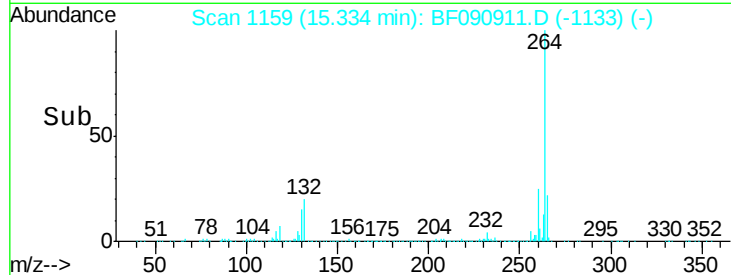
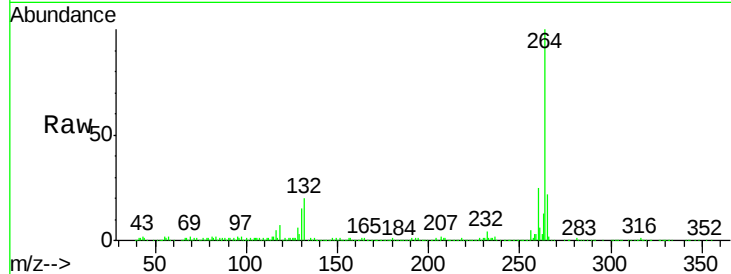
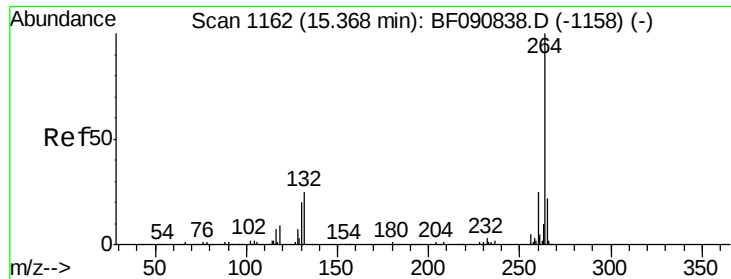
sohil
11/1/2016 7:11:48 PM



#78
Terphenyl-d14
Concen: 105.92 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	13.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090911.D
Acq: 28 Oct 2016 16:38

Instrument :
BNA_F
ClientSampleId :
MW-5A-102616

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	16.7	25.1#
265	22.0	17.2	25.8

Manual Integrations
APPROVED

sohil
11/1/2016 7:11:48 PM

