

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091669.D
 Acq On : 16 Dec 2016 11:35
 Operator : UM/SJ
 Sample : H6007-02RE 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5-0-5RE

Manual Integrations
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Quant Time: Dec 16 17:15:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	230068	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	837103	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	408837	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	539131	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	610374	20.00	ng	0.00
86) Perylene-d12	15.35	264	426348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	15420	1.13	ng	0.00
7) Phenol-d6	6.42	99	202166	11.87	ng	-0.01
23) Nitrobenzene-d5	7.34	82	207359	13.83	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	408430	17.26	ng	0.00
78) Terphenyl-d14	12.89	244	297221	11.05	ng	-0.01
Target Compounds						
70) Phenanthrene	11.32	178	61635	2.31	ng	99
73) Di-n-butylphthalate	11.87	149	160551	5.46	ng	99
74) Fluoranthene	12.51	202	146547	5.24	ng	97
77) Pyrene	12.74	202	142933	2.95	ng	98
80) Benzo(a)anthracene	13.93	228	93101	2.63	ng	97
82) Chrysene	13.96	228	87622m	2.36	ng	
87) Benzo(b)fluoranthene	14.95	252	82665m	3.25	ng	
89) Benzo(a)pyrene	15.29	252	52325	2.29	ng	# 83

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

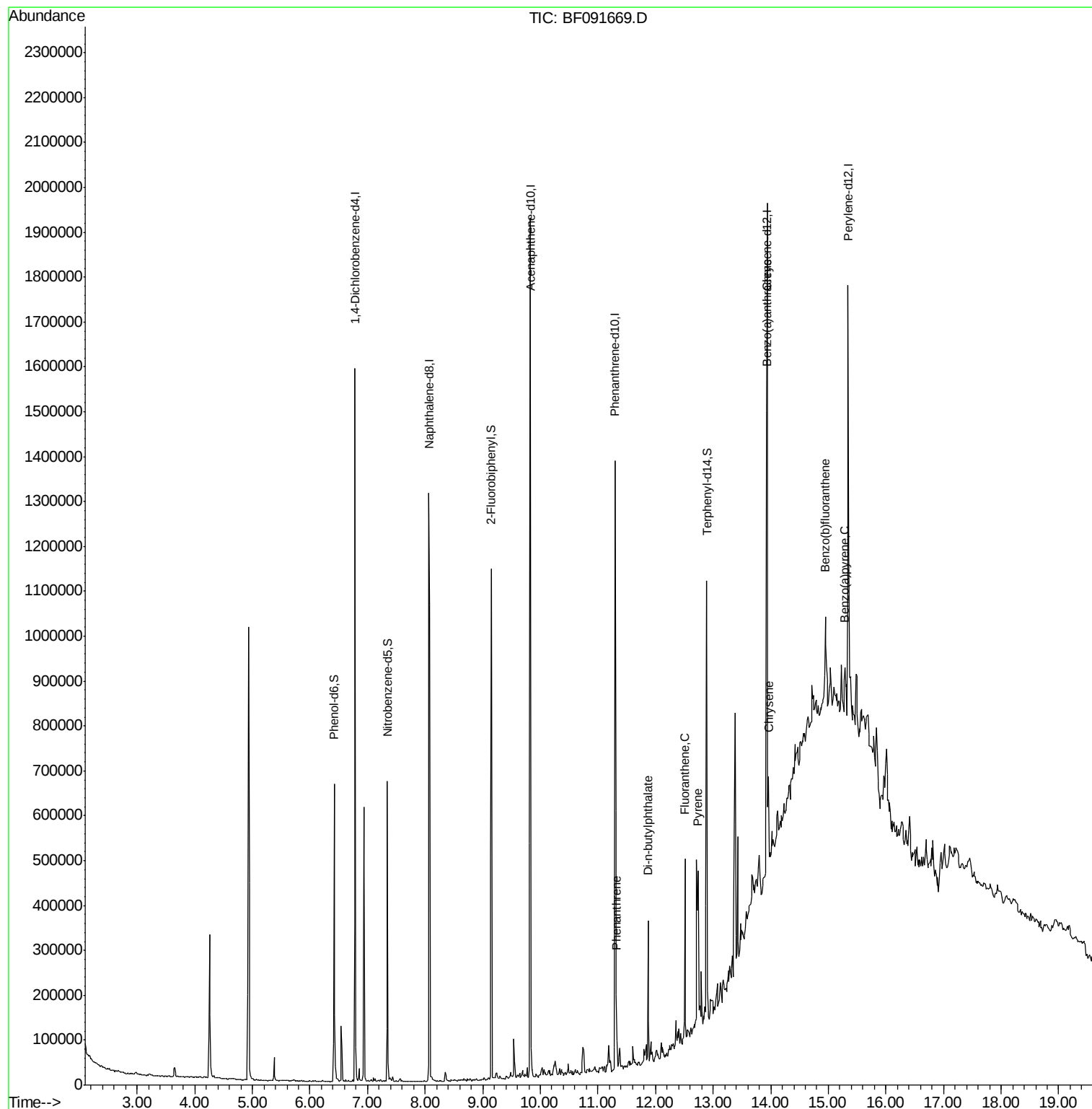
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091669.D
Acq On : 16 Dec 2016 11:35
Operator : UM/SJ
Sample : H6007-02RE 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

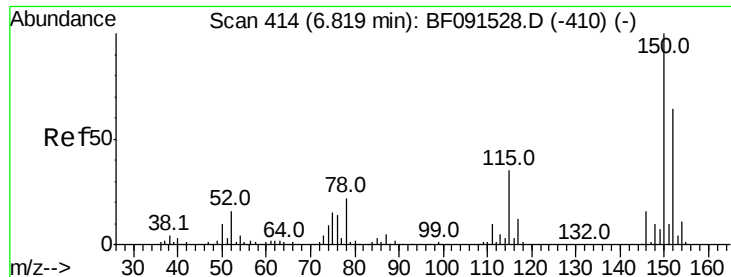
Instrument :
BNA_F
ClientSampleId :
WC-5-0-5RE

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Quant Time: Dec 16 17:15:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

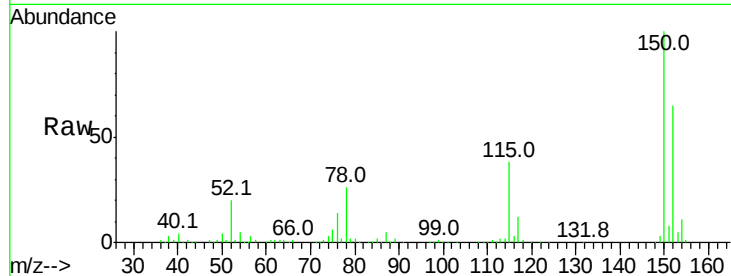
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Instrument :
BNA_F
ClientSampleId :
WC-5-0-5RE

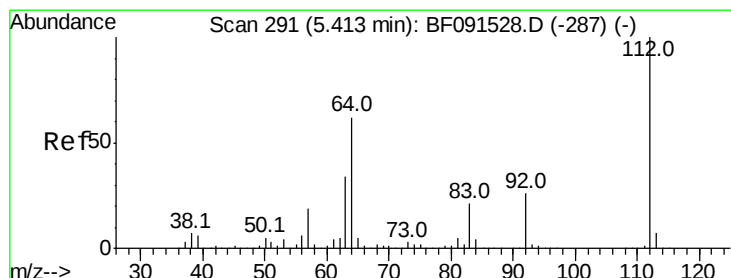
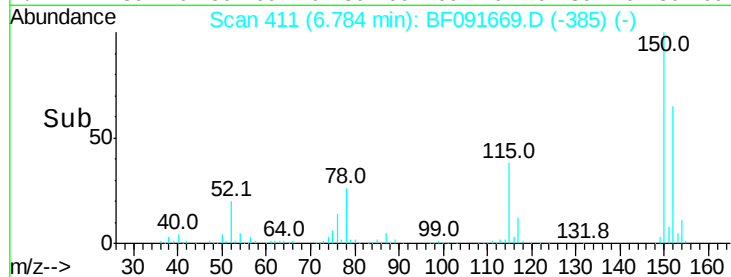
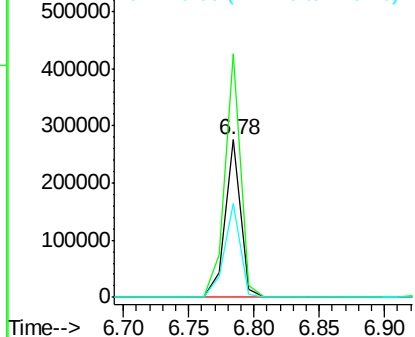
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.5	183.7
115	59.3	51.8	77.8

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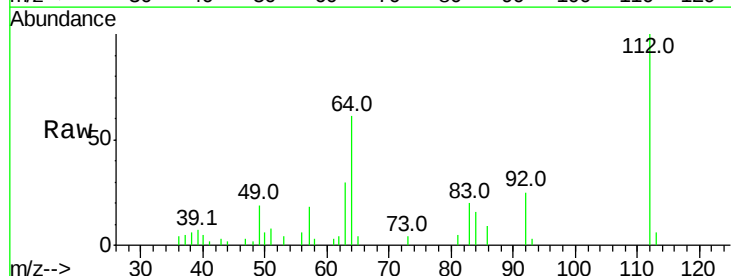
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



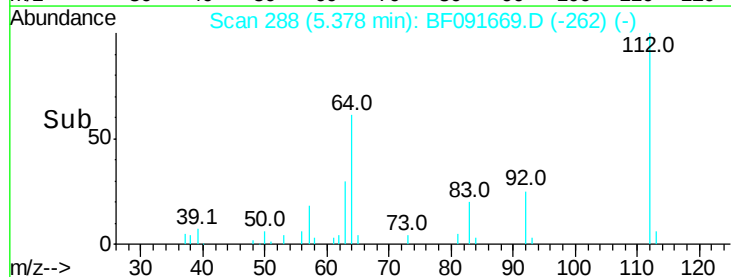
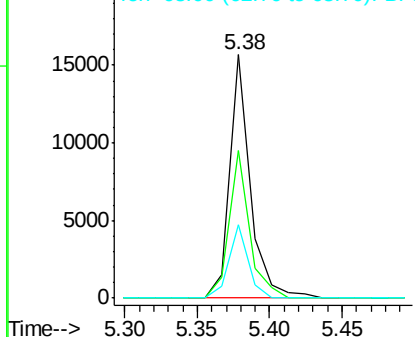
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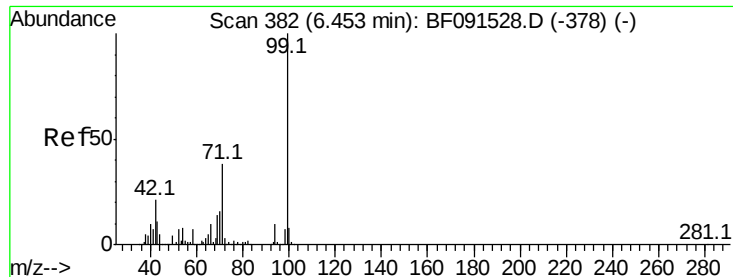
2-Fluorophenol
Concen: 1.13 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	61.5	92.3#
63	30.3	33.3	49.9#



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





#7

Phenol-d6

Concen: 11.87 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091669.D

Acq: 16 Dec 2016 11:35

Instrument :

BNA_F

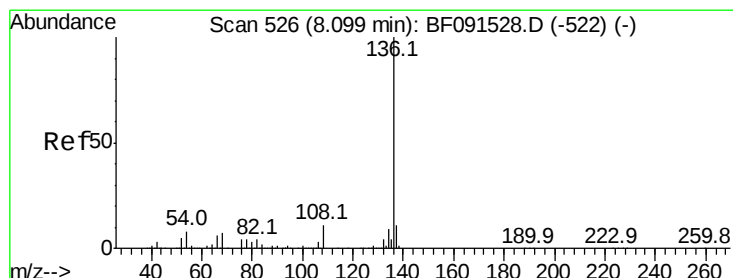
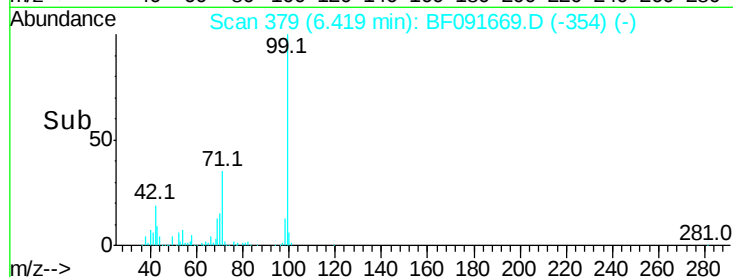
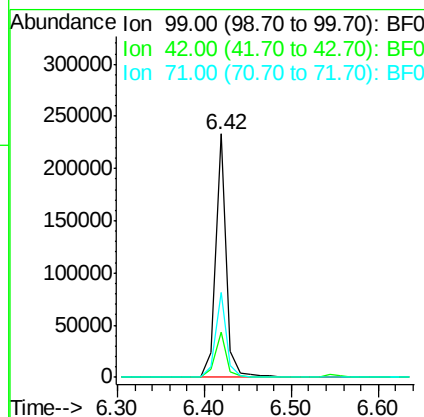
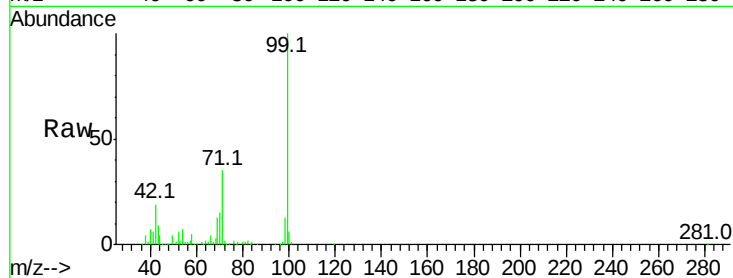
ClientSampleId :

WC-5-0-5RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		202166		
42	18.6	20.6	31.0#		
71	34.6	29.9	44.9		

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#21

Naphthalene-d8

Concen: 20.00 ng

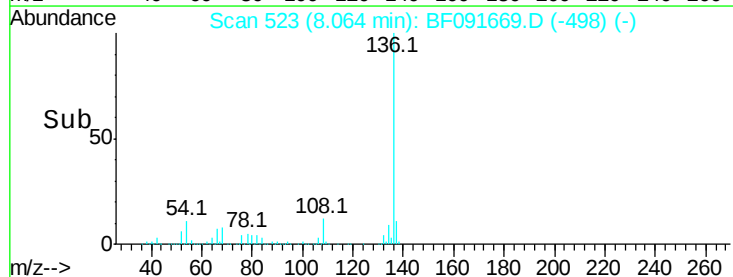
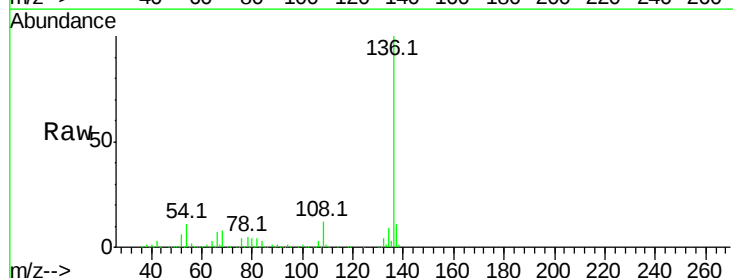
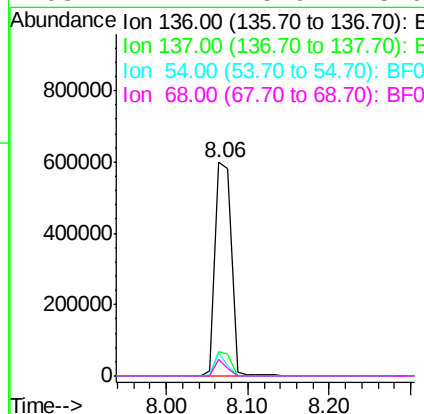
RT: 8.06 min Scan# 523

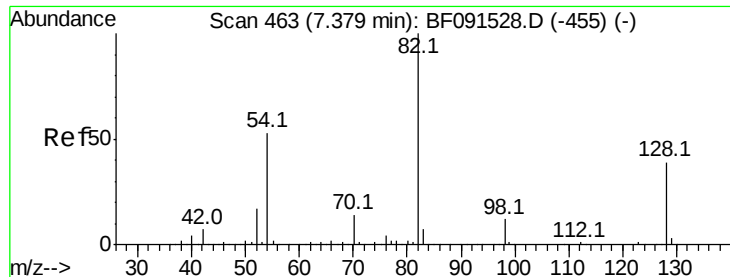
Delta R.T. -0.01 min

Lab File: BF091669.D

Acq: 16 Dec 2016 11:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		837103		
137	11.1	9.1	13.7		
54	10.7	9.1	13.7		
68	7.7	5.9	8.9		





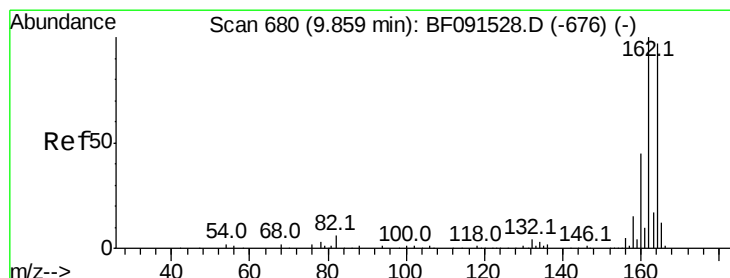
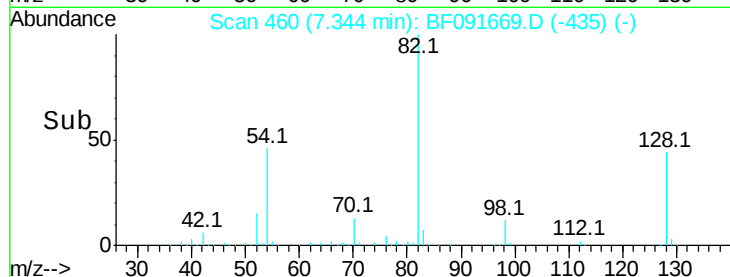
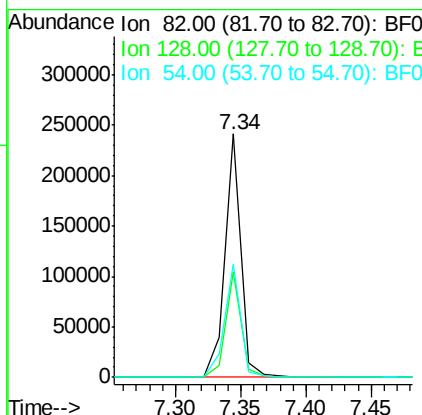
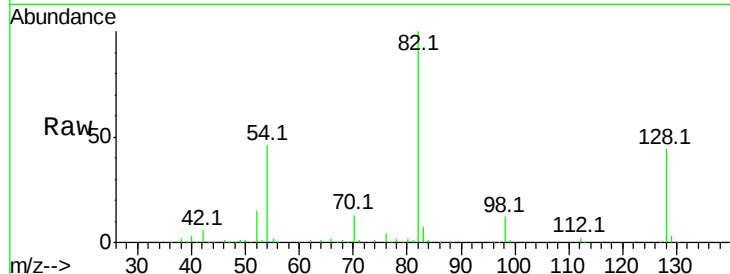
#23
Nitrobenzene-d5
Concen: 13.83 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Instrument :
BNA_F
ClientSampleId :
WC-5-0-5RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	31.8	47.6
54	46.3	49.1	73.7#

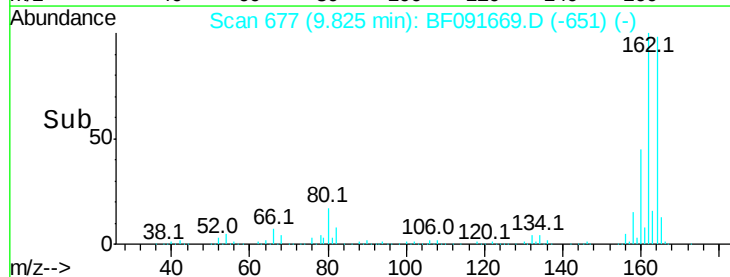
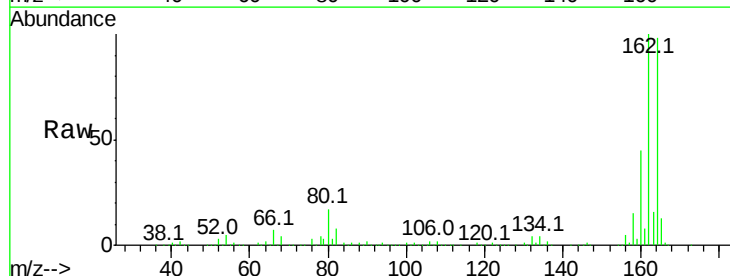
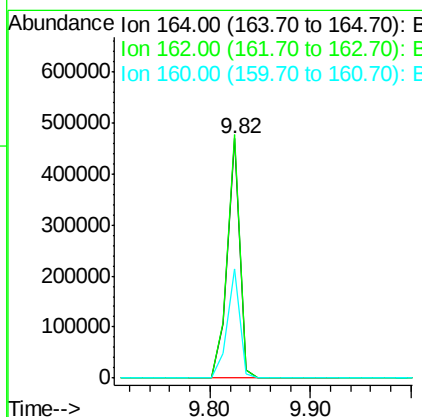
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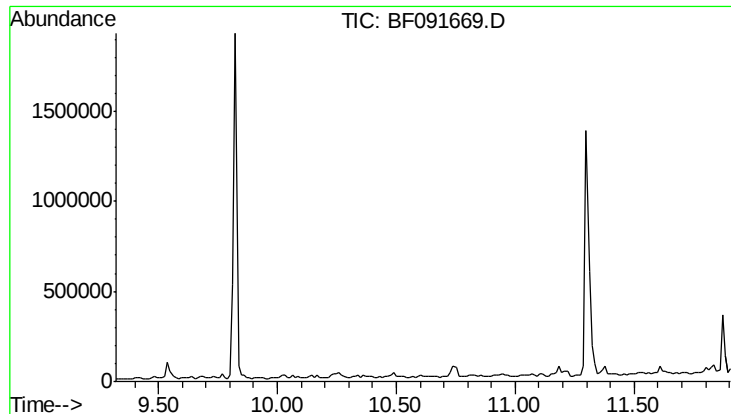
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	45.7	36.7	55.1





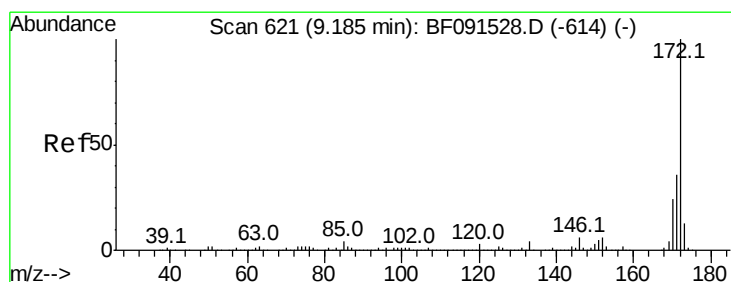
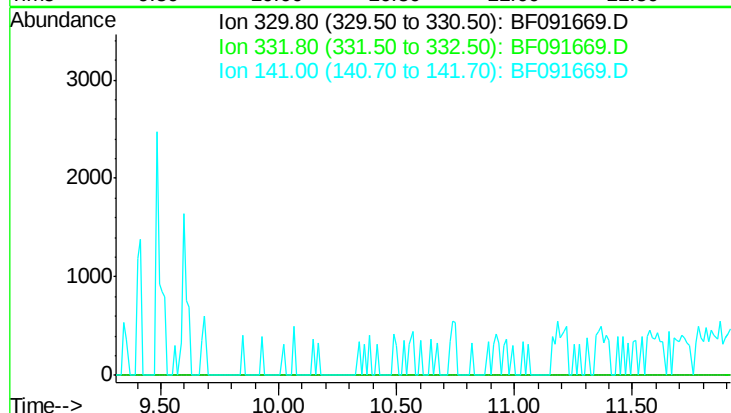
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.61 min
 Lab File: BF091669.D
 Acq: 16 Dec 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-5-0-5RE

Tot Ion	330	332	141
Exp Ratio	100	95.3	42.0

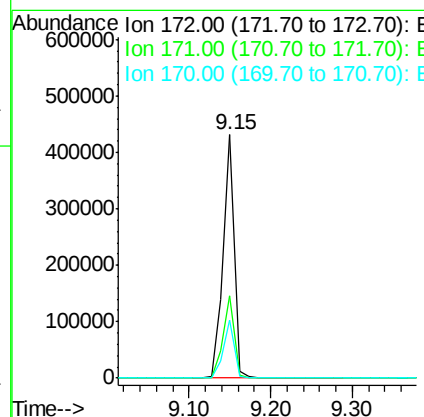
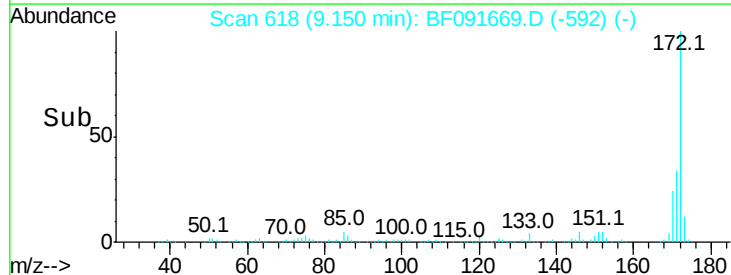
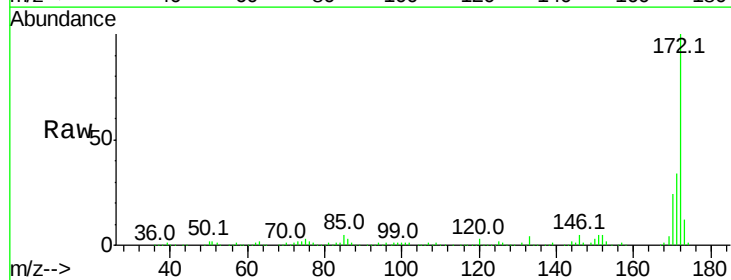
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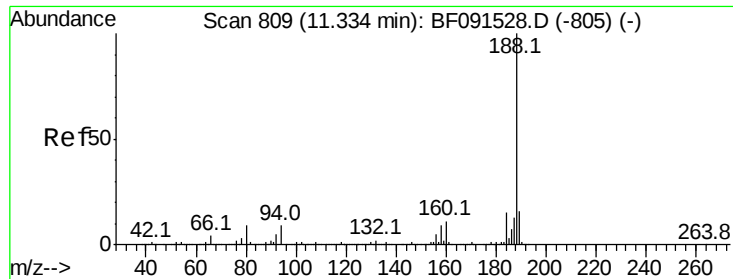
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#44
 2-Fluorobiphenyl
 Concen: 17.26 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF091669.D
 Acq: 16 Dec 2016 11:35

Tgt Ion	172	Resp	Lower	Upper
Ion Ratio	100			
171	34.0	29.4	44.0	
170	23.8	19.7	29.5	





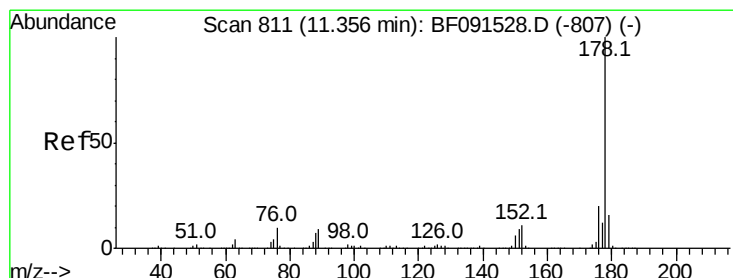
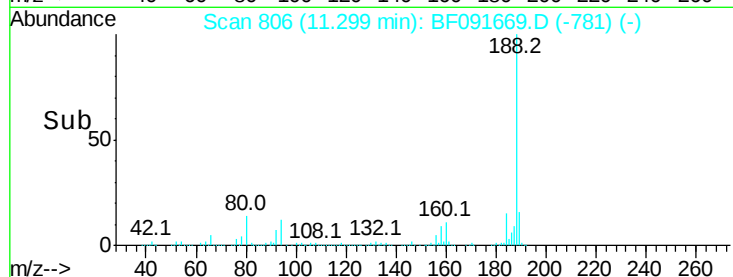
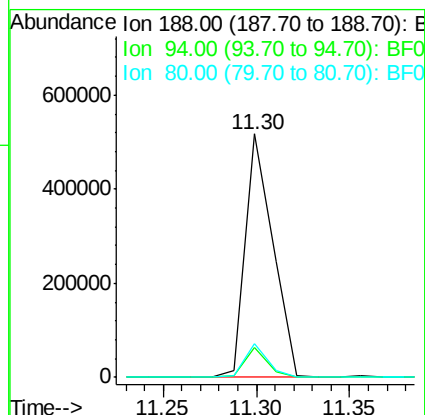
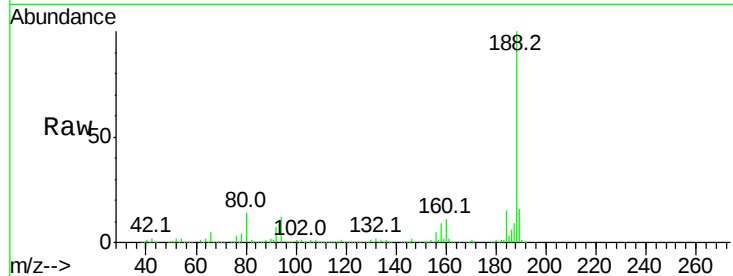
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Instrument :
BNA_F
ClientSampleId :
WC-5-0-5RE

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	9.2	13.8
80	13.8	10.5	15.7

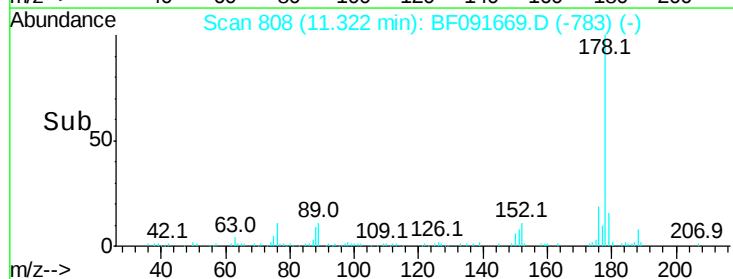
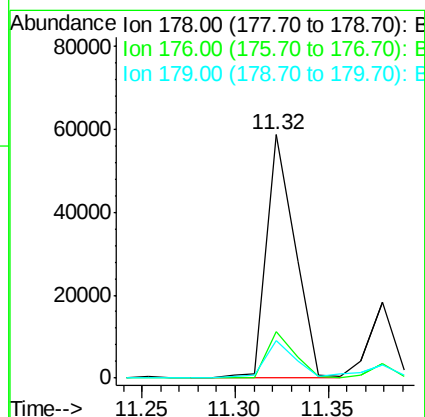
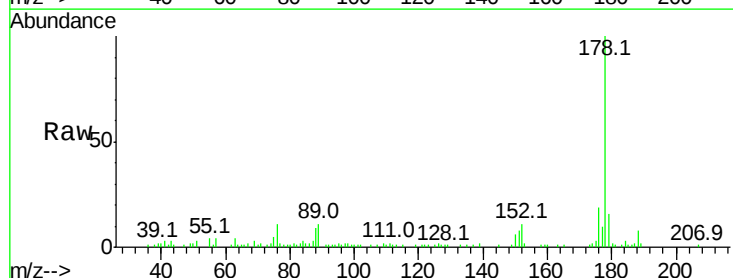
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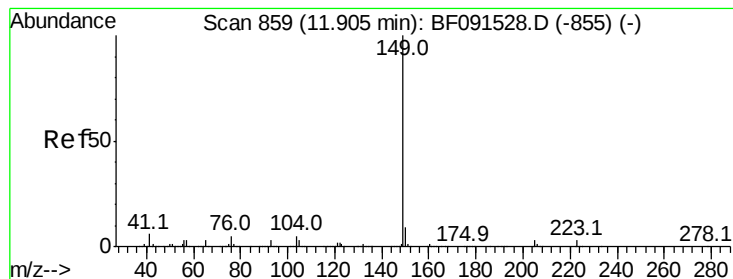
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#70
Phenanthrene
Concen: 2.31 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	15.9	23.9
179	15.6	12.6	18.8





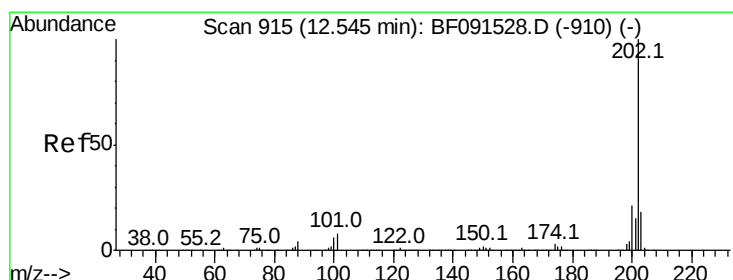
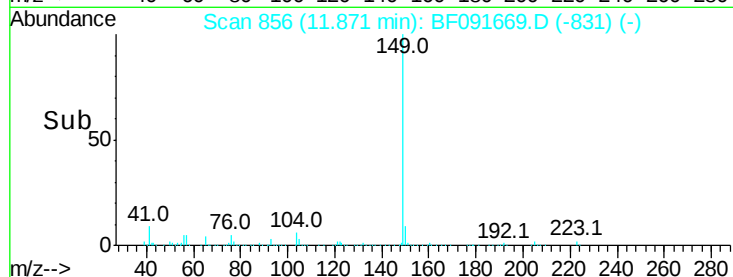
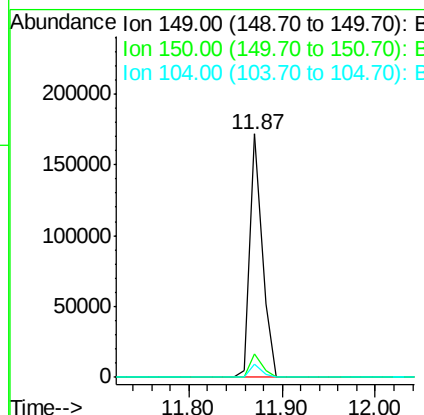
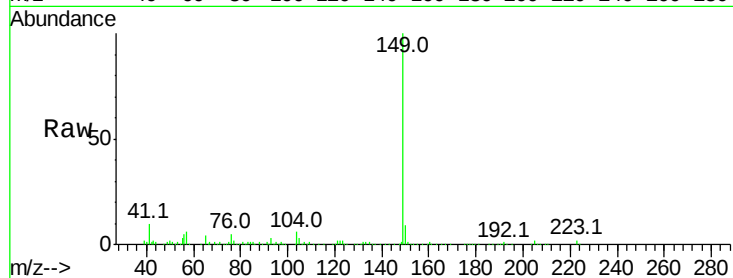
#73
Di-n-butylphthalate
Concen: 5.46 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Instrument :
BNA_F
ClientSampleId :
WC-5-0-5RE

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.5	11.3	
104	5.7	4.0	6.0	

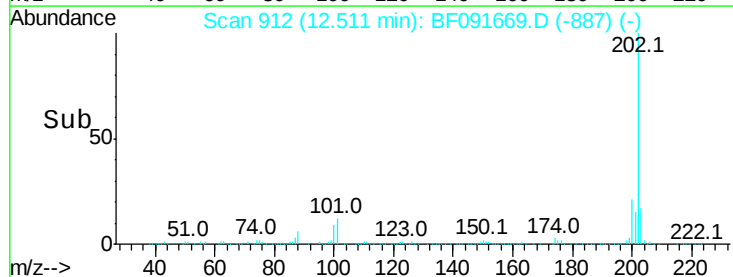
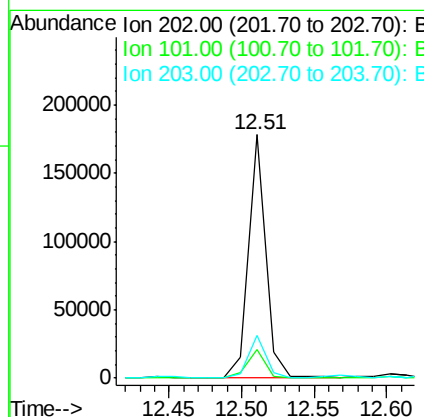
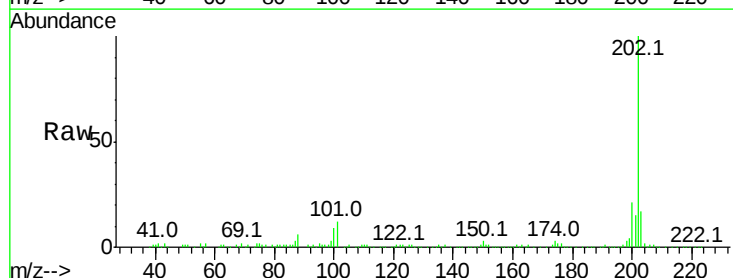
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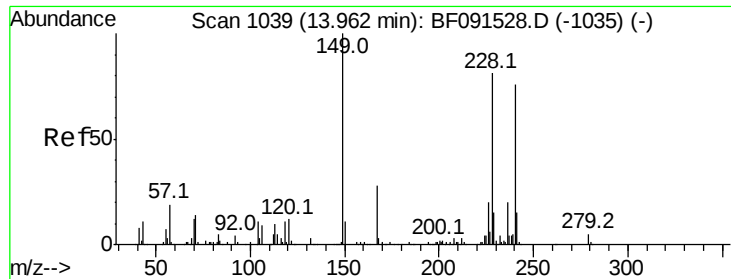
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#74
Fluoranthene
Concen: 5.24 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.8	0.0	29.5	
203	17.5	0.0	37.8	





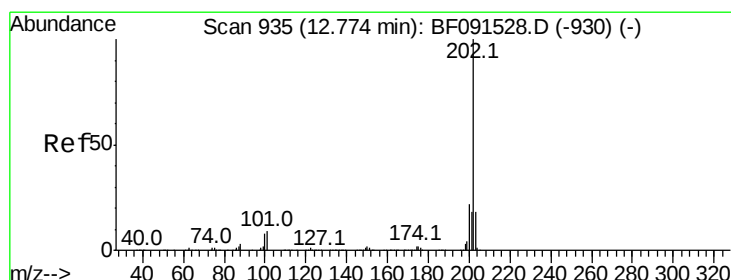
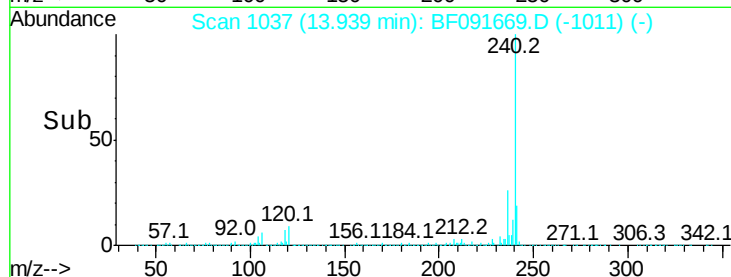
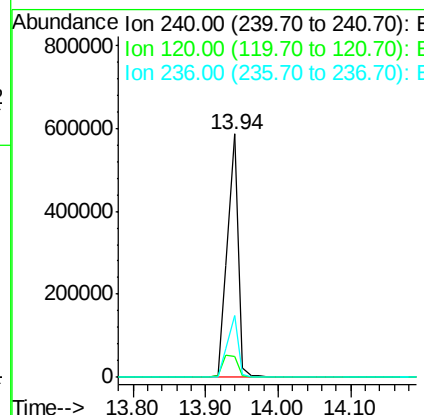
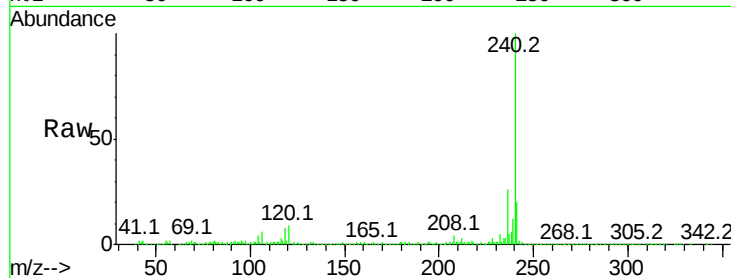
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Instrument :
BNA_F
ClientSampleId :
WC-5-0-5RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	12.1	18.1#
236	25.7	21.0	31.6

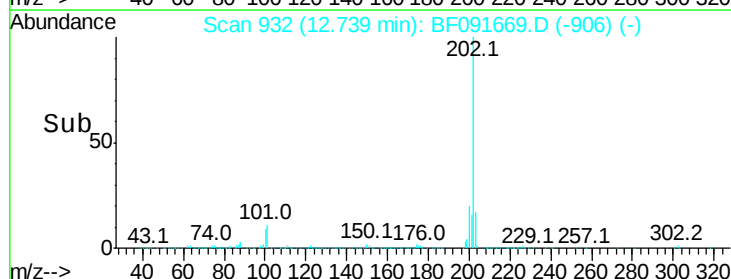
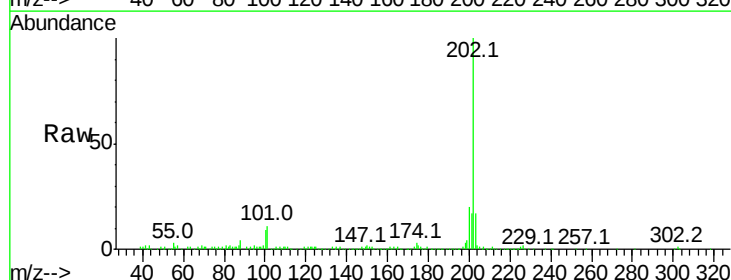
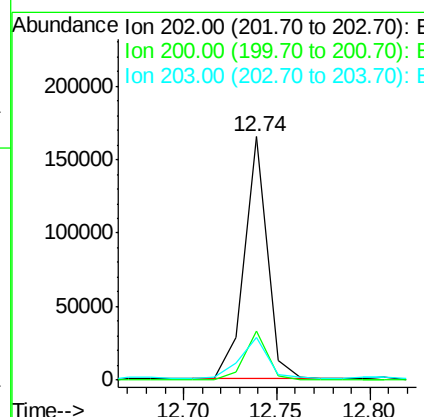
Manual Integrations
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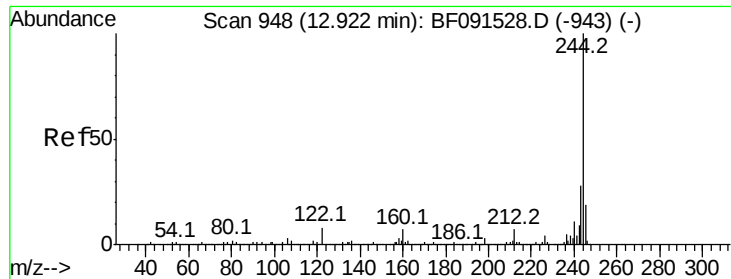
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#77
Pyrene
Concen: 2.95 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	17.5	14.0	21.0





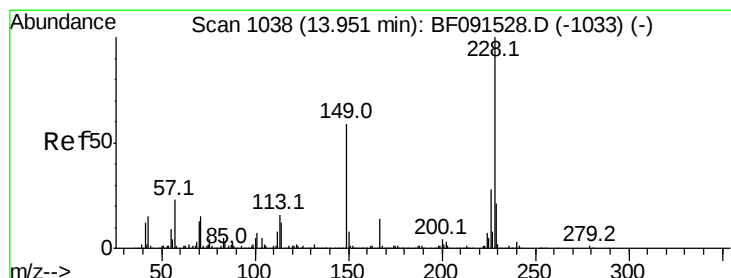
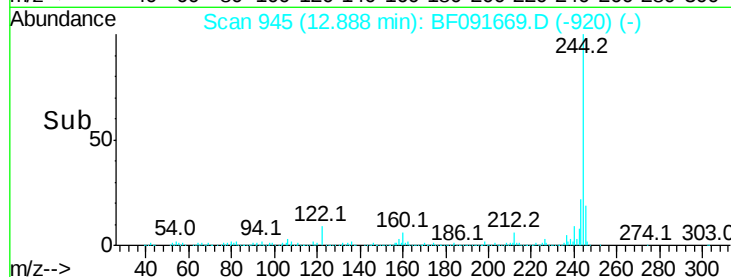
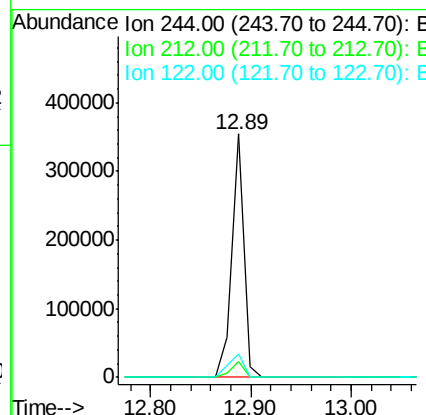
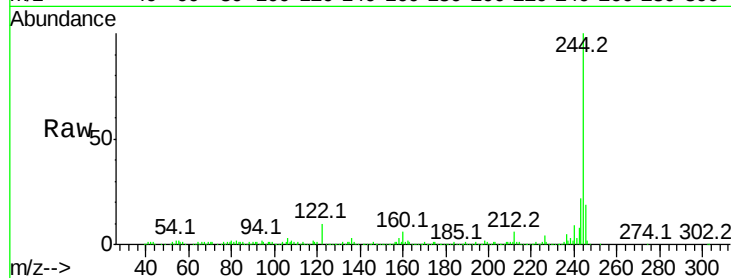
#78
 Terphenyl-d14
 Concen: 11.05 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF091669.D
 Acq: 16 Dec 2016 11:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-5-0-5RE

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	6.5	9.7#
122	9.5	9.5	14.3#

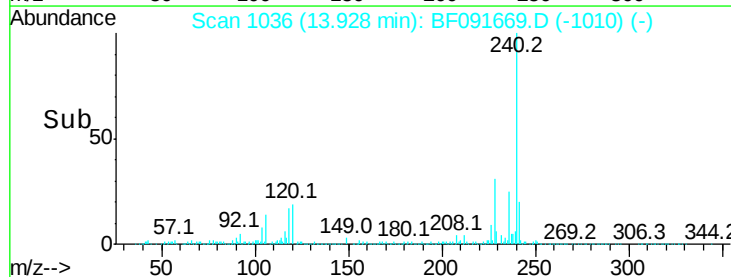
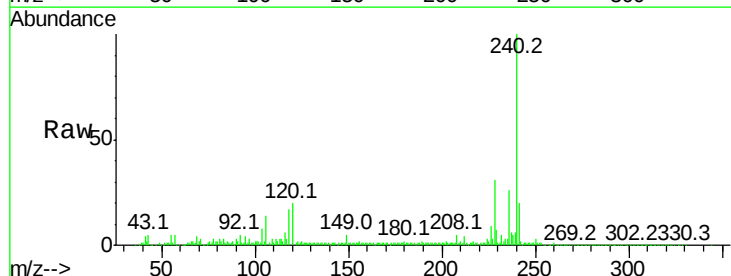
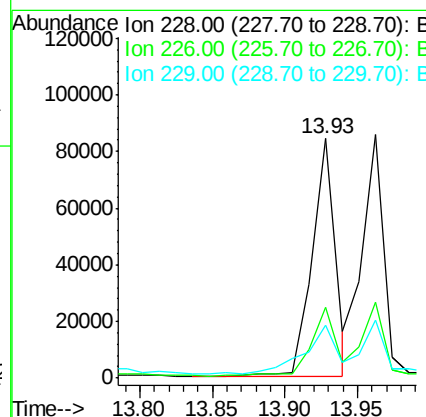
Manual Integrations
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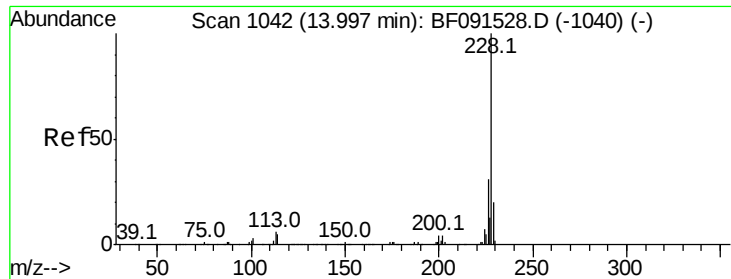
UMANGI
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#80
 Benzo(a)anthracene
 Concen: 2.63 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091669.D
 Acq: 16 Dec 2016 11:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.6	22.5	33.7
229	22.3	16.4	24.6





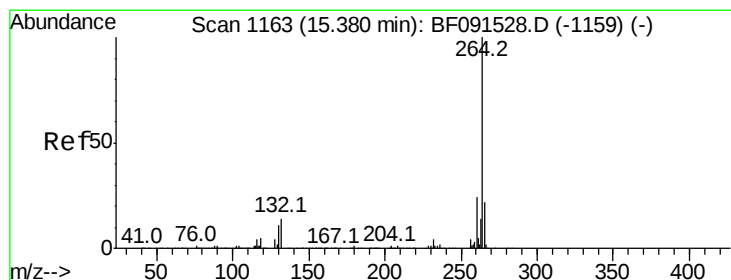
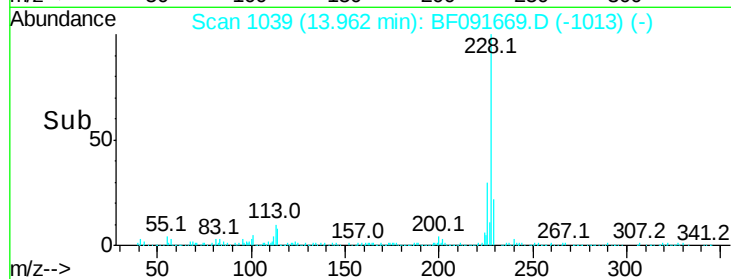
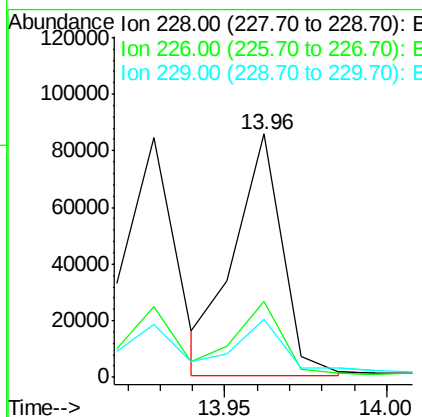
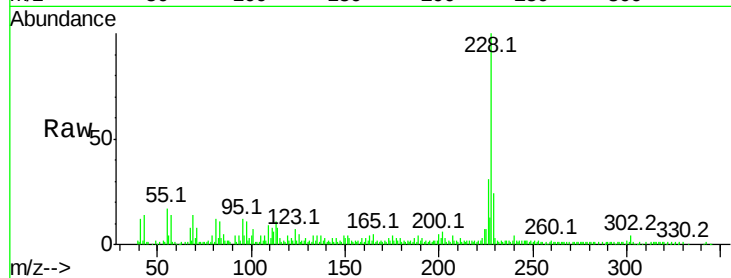
#82
Chrysene
Concen: 2.36 ng/mL
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Instrument :
BNA_F
ClientSampleId :
WC-5-0-5RE

Tot Ion:	228	Resp:	87622
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.4
229	23.8	16.0	24.0

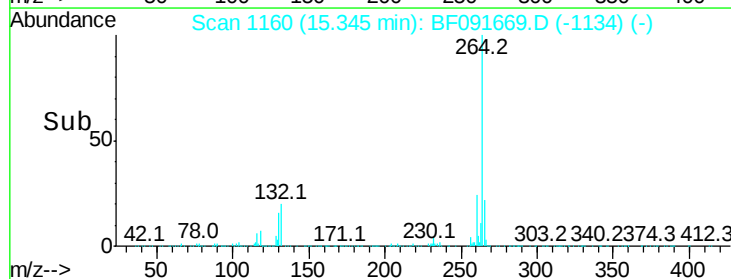
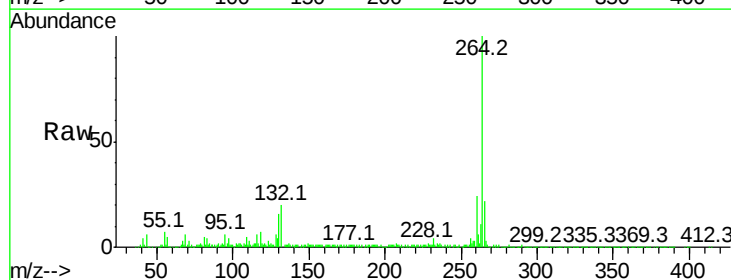
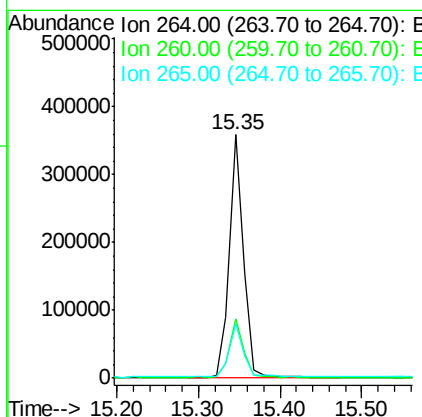
Manual Integrations
APPROVED

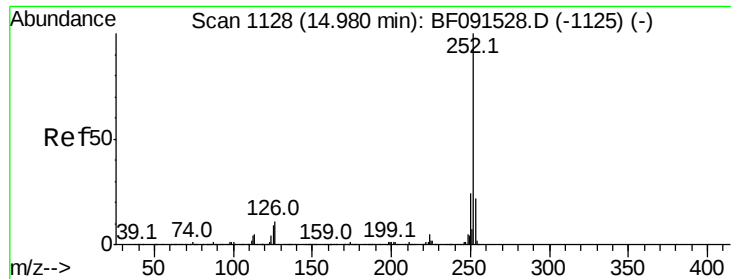
UMANGI
12/16/2016 6:22:39 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Tgt Ion:	264	Resp:	426348
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.8	28.2
265	22.3	17.0	25.6





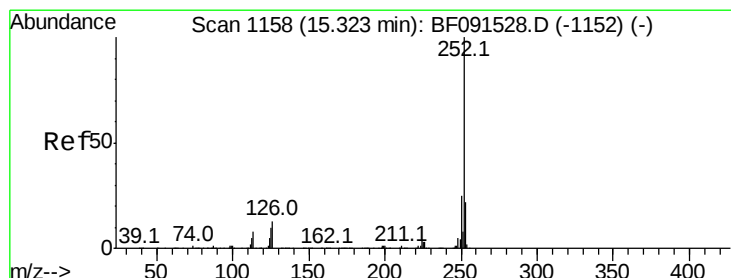
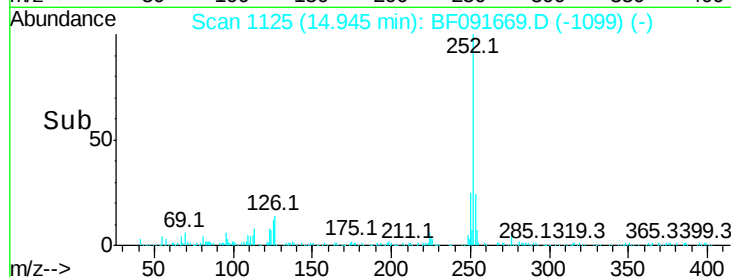
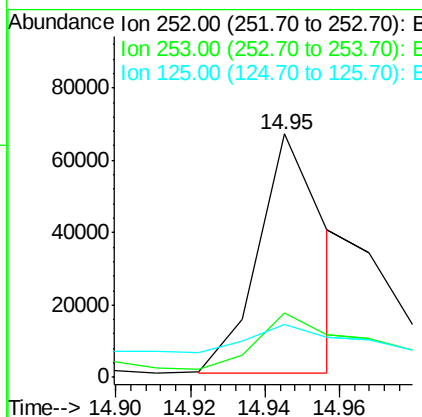
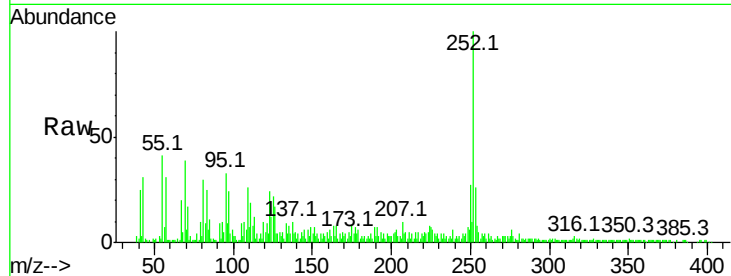
#87
Benzo(b)fluoranthene
Concen: 3.25 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Instrument :
BNA_F
ClientSampleId :
WC-5-0-5RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.2	27.2
125	21.8	8.6	13.0

Manual Integrations
APPROVED

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12/16/2016 6:22:39 PM



#89
Benzo(a)pyrene
Concen: 2.29 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF091669.D
Acq: 16 Dec 2016 11:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.2	27.4
125	23.6	10.4	15.6

