

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091277.D
 Acq On : 23 Nov 2016 15:51
 Operator : UM/SJ
 Sample : H5723-02 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-8HCOMP-1

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Quant Time: Nov 25 06:28:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	193691	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	699015	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	400587	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	558905	20.00	ng	0.00
75) Chrysene-d12	14.03	240	532001	20.00	ng	-0.01
86) Perylene-d12	15.47	264	460114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	282410	23.43	ng	-0.01
7) Phenol-d6	6.49	99	356565	23.02	ng	-0.01
23) Nitrobenzene-d5	7.44	82	206666	17.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	78581	19.45	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	423269	17.30	ng	0.00
78) Terphenyl-d14	12.98	244	557028	23.91	ng	-0.01
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.95	149	65624	2.15	ng	99
74) Fluoranthene	12.60	202	102690	3.48	ng	98
77) Pyrene	12.83	202	115507	2.94	ng	98
80) Benzo(a)anthracene	14.02	228	61981m	2.05	ng	
82) Chrysene	14.04	228	96228m	3.37	ng	
83) Bis(2-ethylhexyl)phthalate	14.02	149	57500	2.94	ng	96
87) Benzo(b)fluoranthene	15.05	252	60707m	2.09	ng	

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

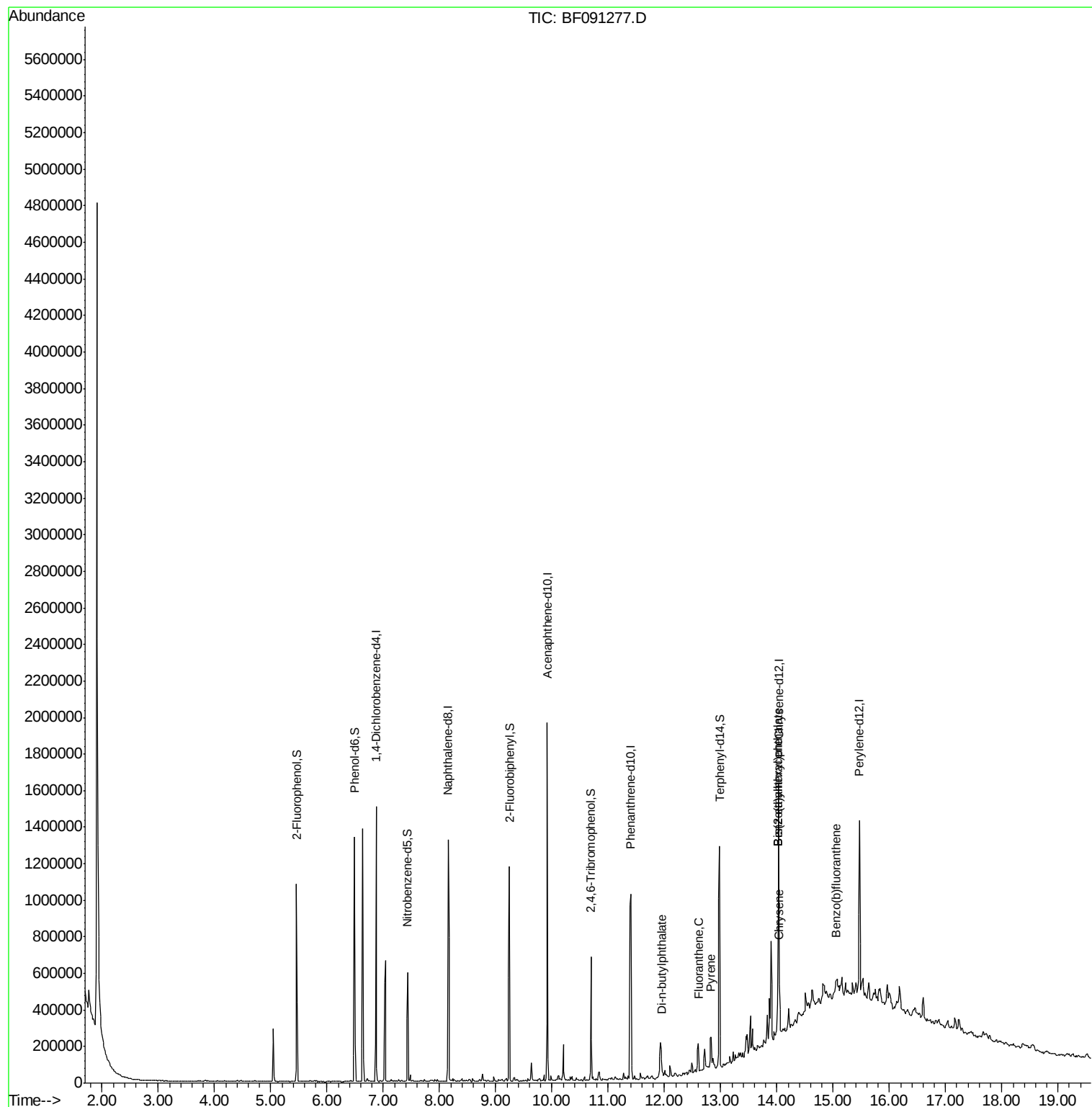
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091277.D
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Operator : UM/SJ
Sample : H5723-02 5X
Misc :
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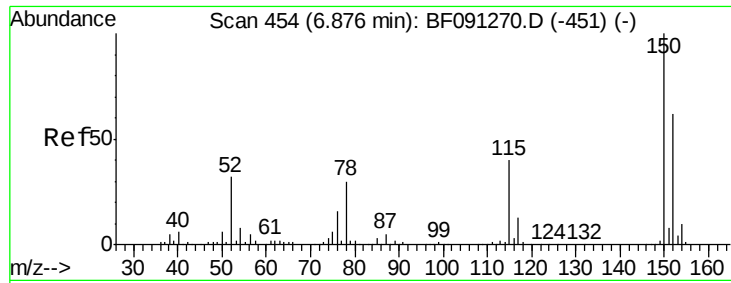
Instrument :
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T12-13-8HCOMP-1

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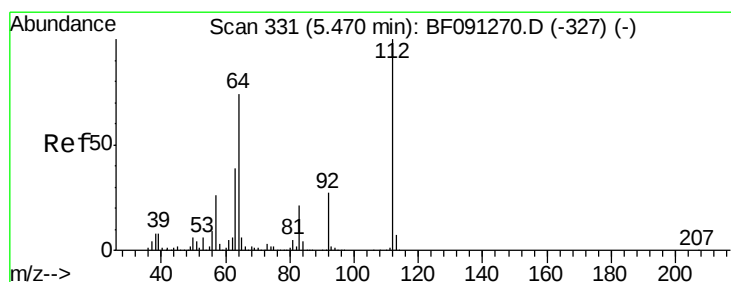
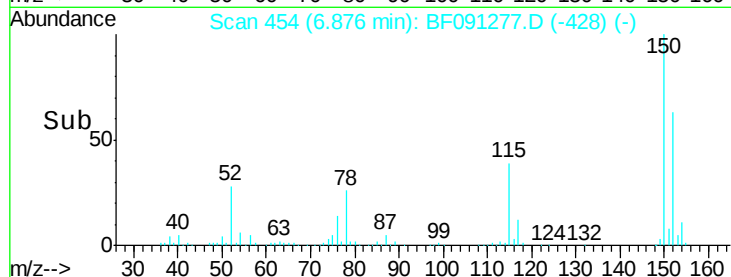
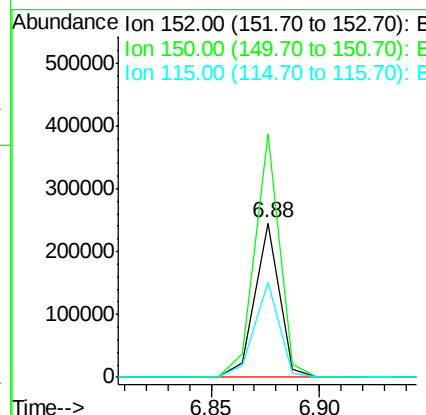
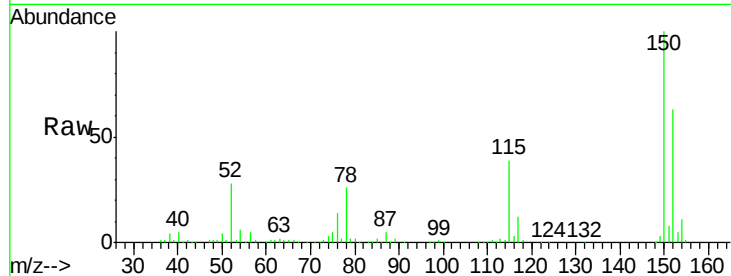
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-8HCOMP-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.5	183.7
115	61.4	51.8	77.8

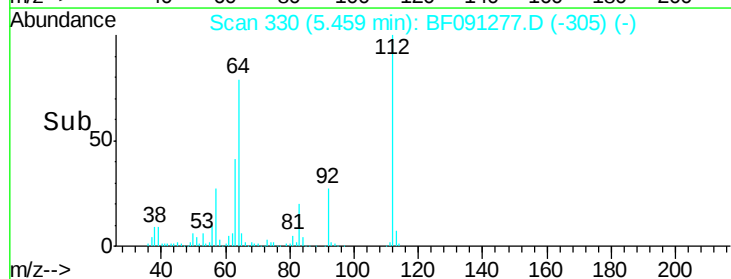
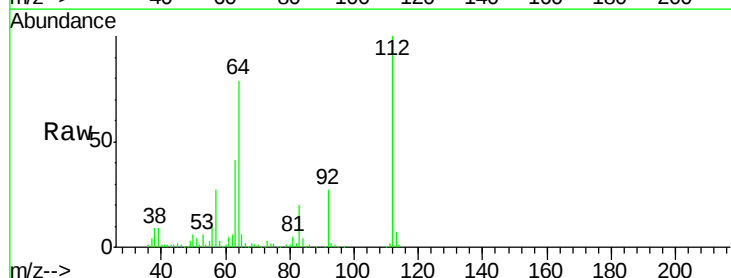
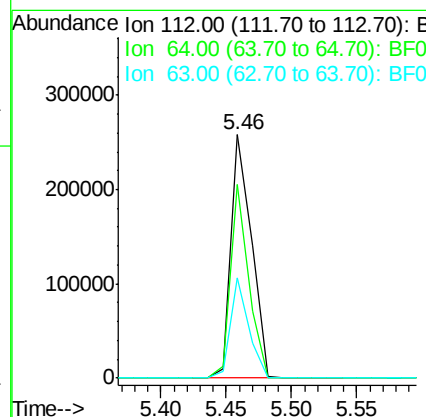
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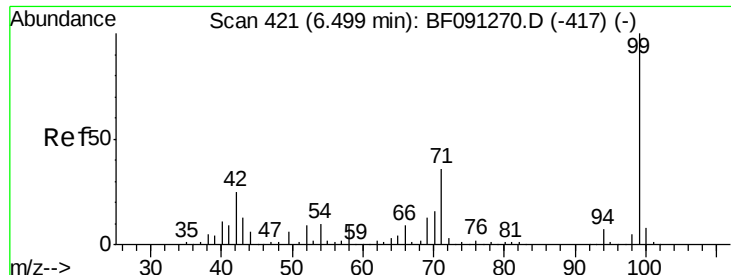
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#5
 2-Fluorophenol
 Concen: 23.43 ng
 RT: 5.46 min Scan# 330
 Delta R.T. -0.01 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.5	61.5	92.3
63	41.3	33.3	49.9





#7

Phenol-d6

Concen: 23.02 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091277.D

Acq: 23 Nov 2016 15:51

Instrument :

BNA_F

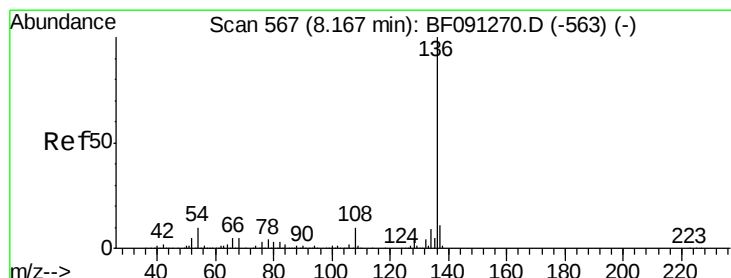
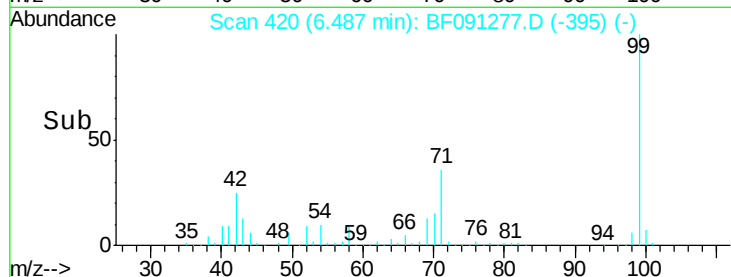
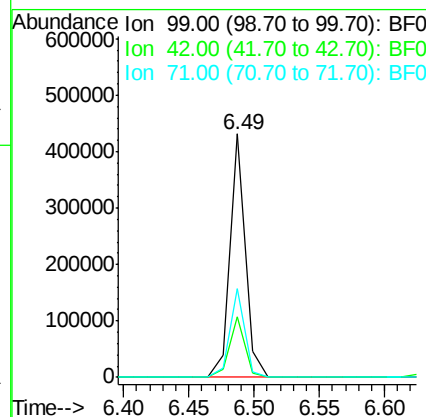
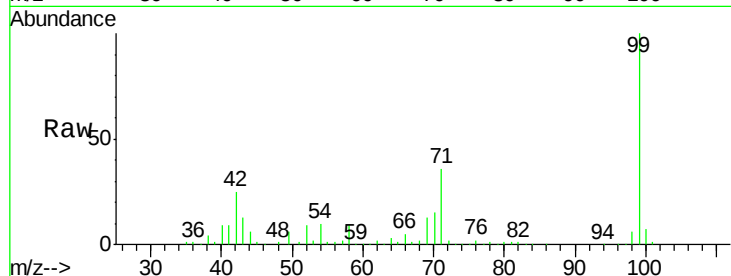
ClientSampleId :

T12-13-8HCOMP-1

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	356565		
42	24.8	20.6	31.0	
71	36.3	29.9	44.9	

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#21

Naphthalene-d8

Concen: 20.00 ng

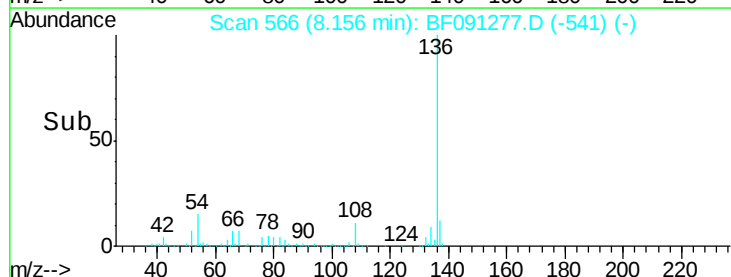
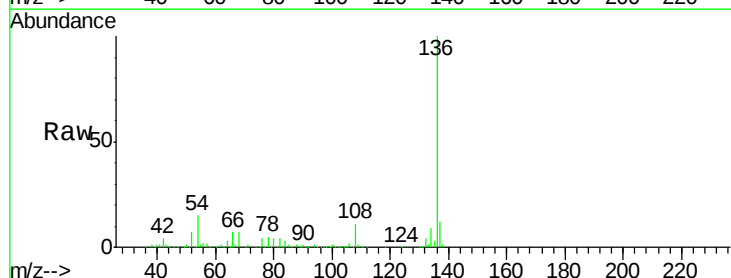
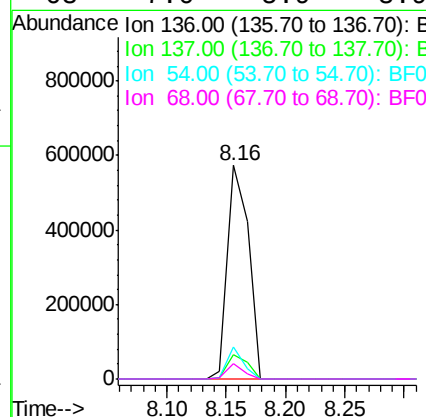
RT: 8.16 min Scan# 566

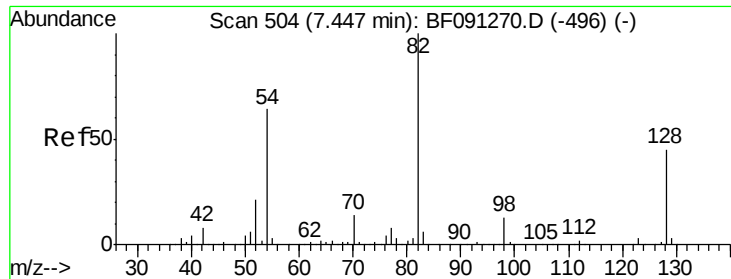
Delta R.T. -0.01 min

Lab File: BF091277.D

Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	699015		
137	11.6	9.1	13.7	
54	14.9	9.1	13.7#	
68	7.0	5.9	8.9	





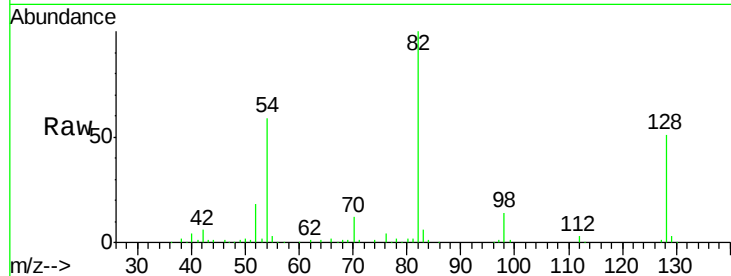
#23
 Nitrobenzene-d5
 Concen: 17.02 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-8HCOMP-1

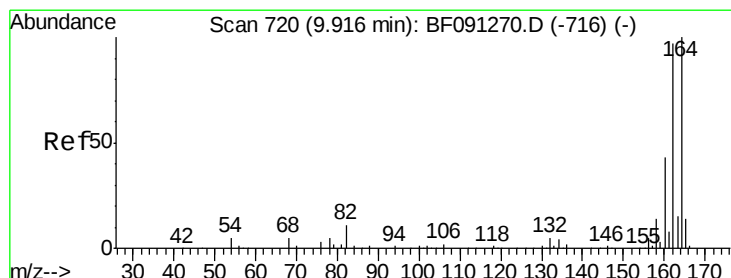
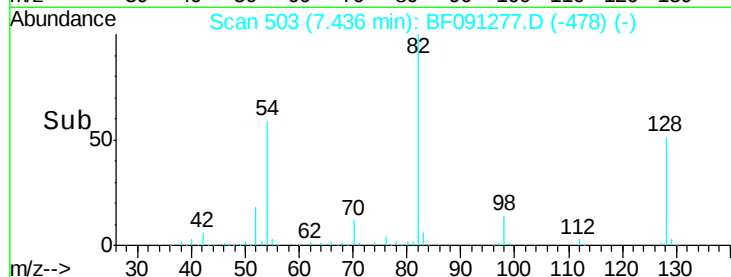
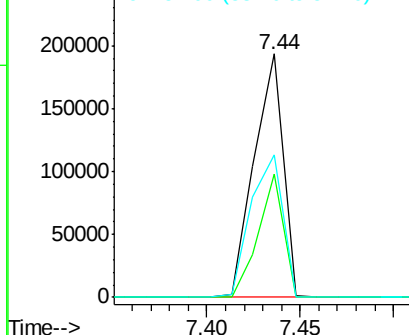
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.6	31.8	47.6#
54	58.7	49.1	73.7

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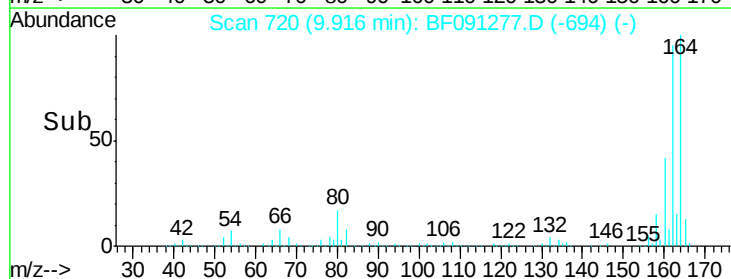
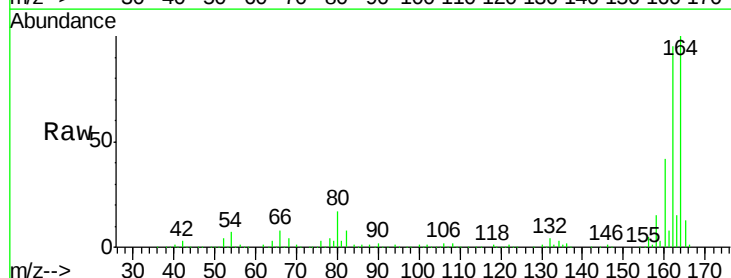
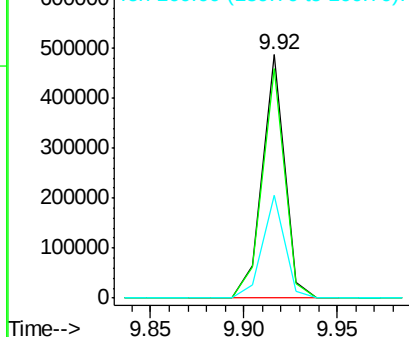
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 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

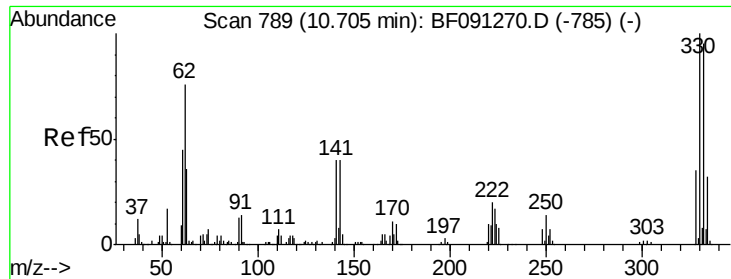


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.5	82.6	124.0
160	42.2	36.7	55.1

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





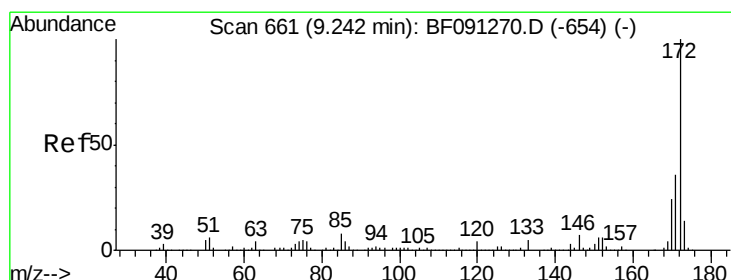
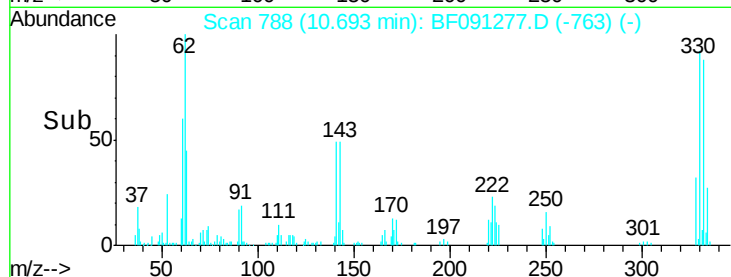
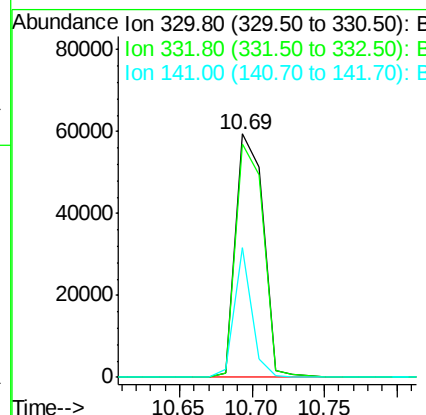
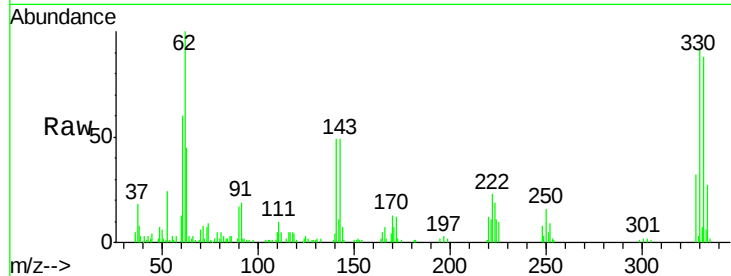
#41
 2,4,6-Tribromophenol
 Concen: 19.45 ng
 RT: 10.69 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-8HCOMP-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	33.8	33.6	50.4

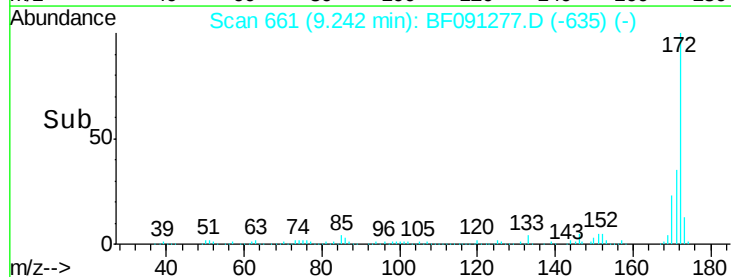
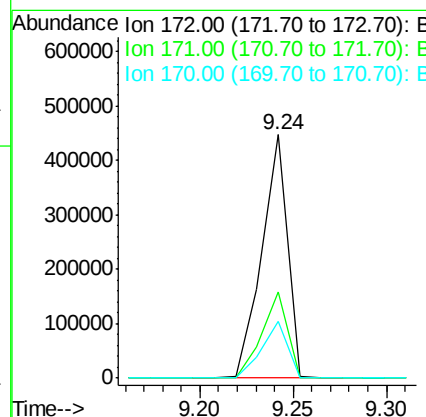
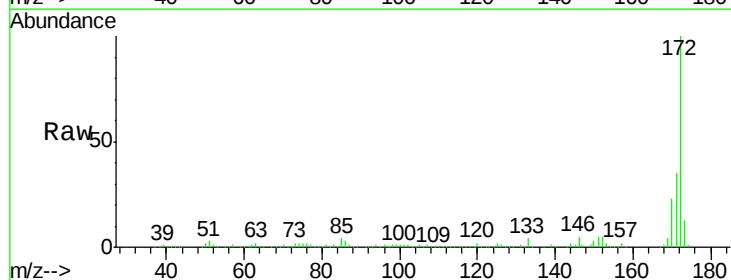
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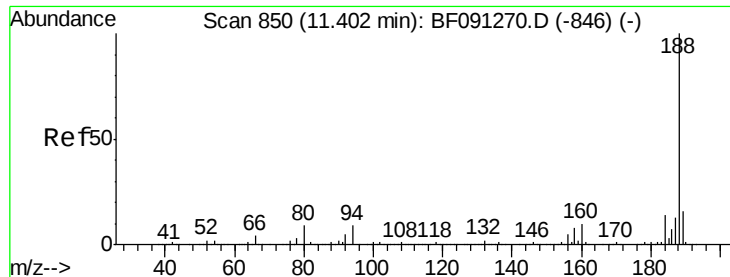
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#44
 2-Fluorobiphenyl
 Concen: 17.30 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.1	19.7	29.5





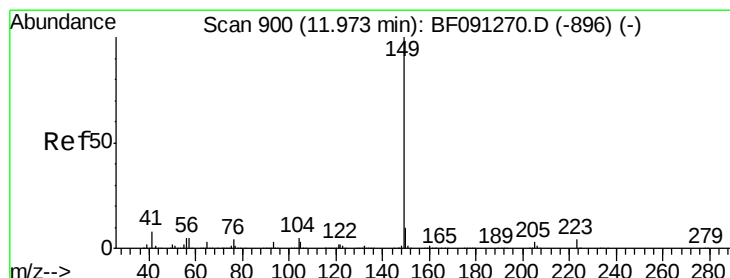
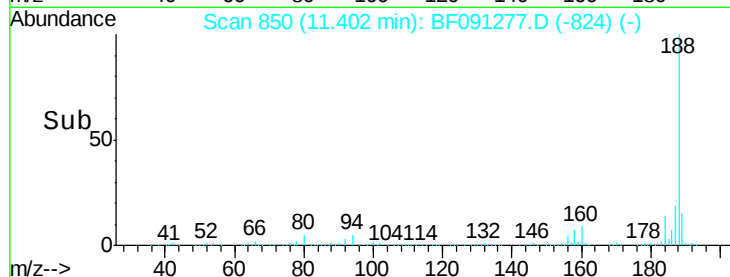
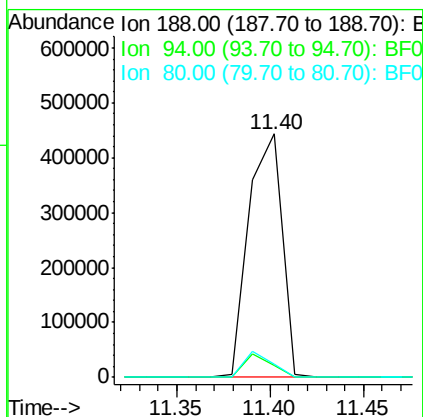
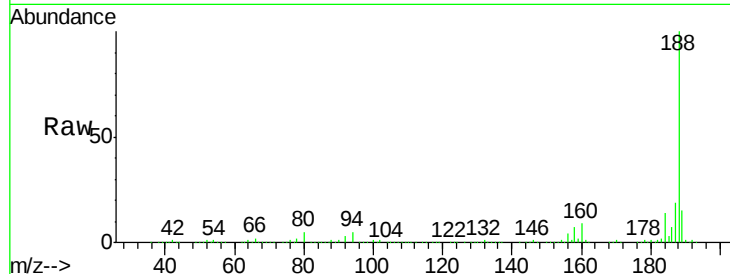
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-8HCOMP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.2	9.2	13.8#
80	5.3	10.5	15.7#

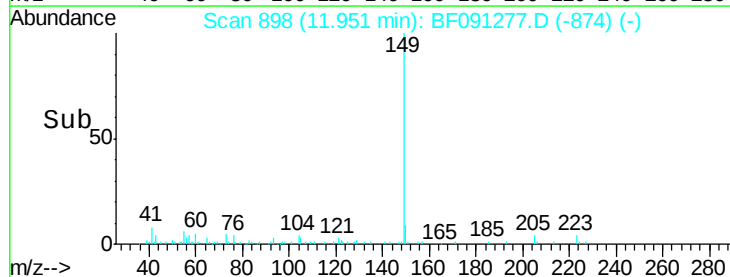
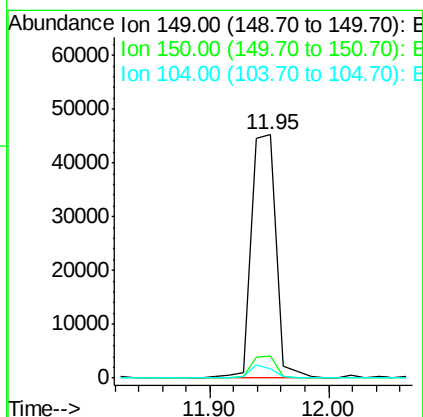
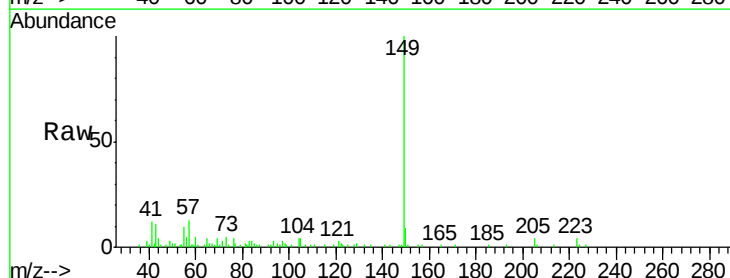
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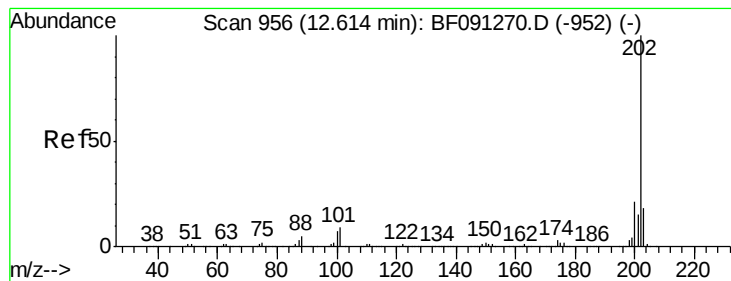
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#73
 Di-n-butylphthalate
 Concen: 2.15 ng
 RT: 11.95 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.3	7.5	11.3
104	4.1	4.0	6.0





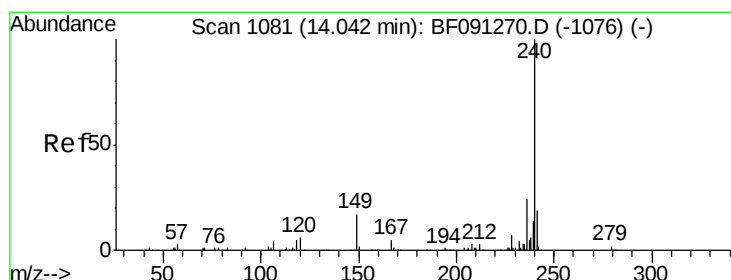
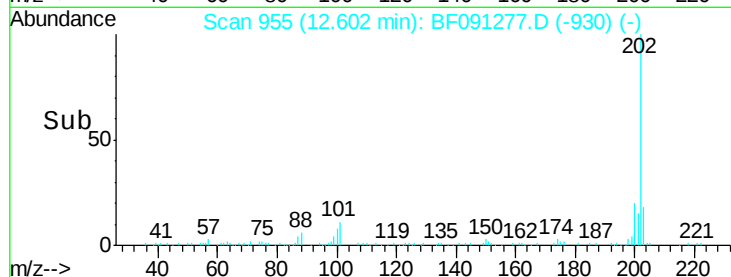
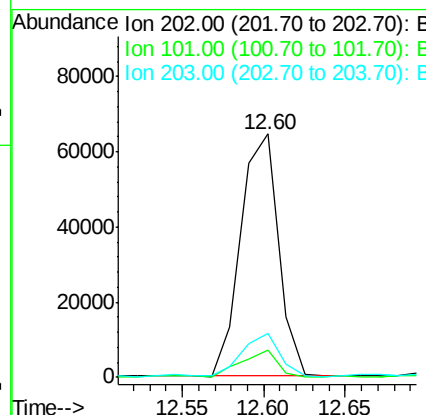
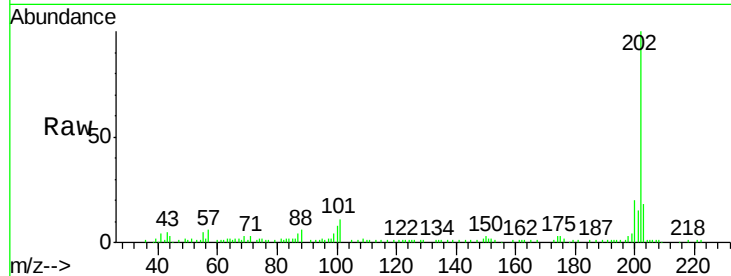
#74
 Fluoranthene
 Concen: 3.48 ng
 RT: 12.60 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-8HCOMP-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	0.0	29.5
203	18.3	0.0	37.8

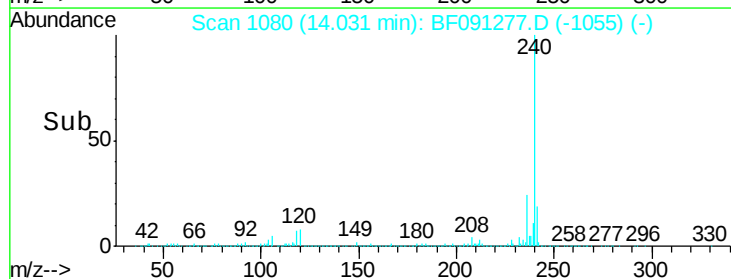
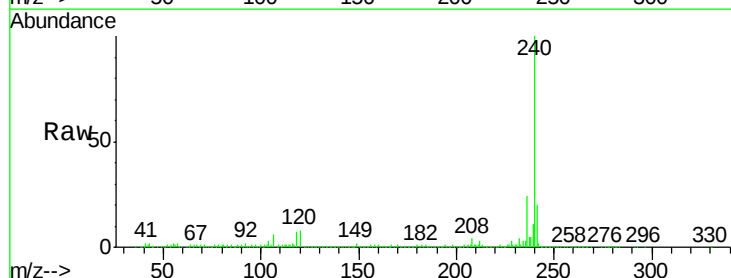
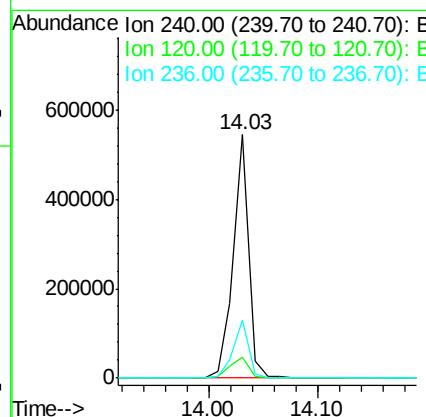
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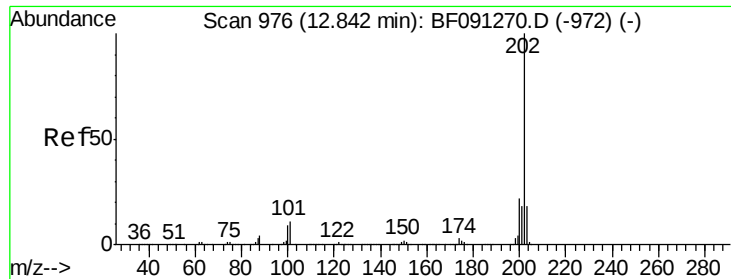
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.4	12.1	18.1#
236	24.1	21.0	31.6





#77

Pyrene

Concen: 2.94 ng

RT: 12.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF091277.D

Acq: 23 Nov 2016 15:51

Instrument :

BNA_F

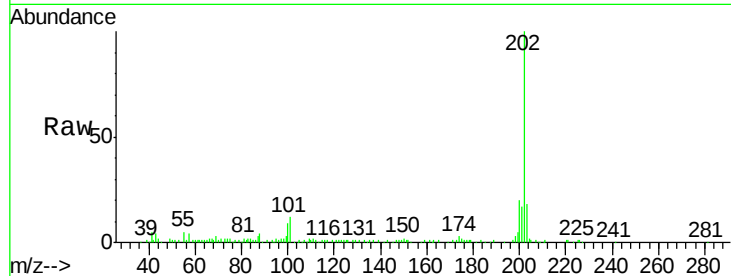
ClientSampleId :

T12-13-8HCOMP-1

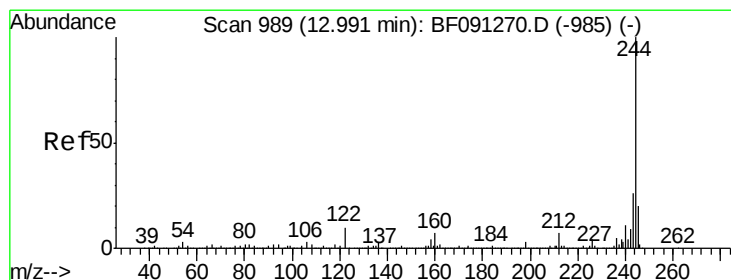
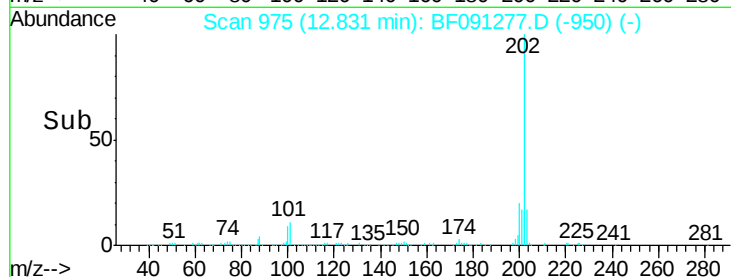
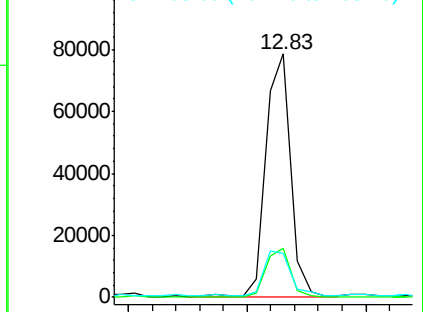
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	115507		
200	20.1	17.6	26.4	
203	17.8	14.0	21.0	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 23.91 ng

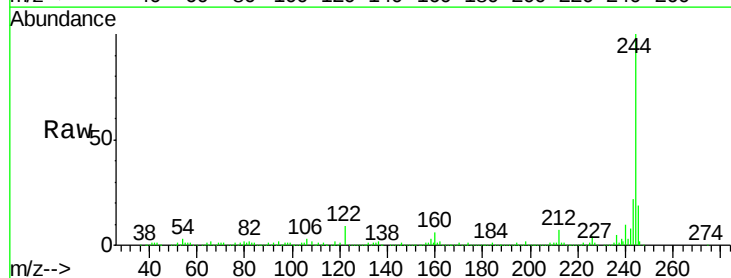
RT: 12.98 min Scan# 988

Delta R.T. -0.01 min

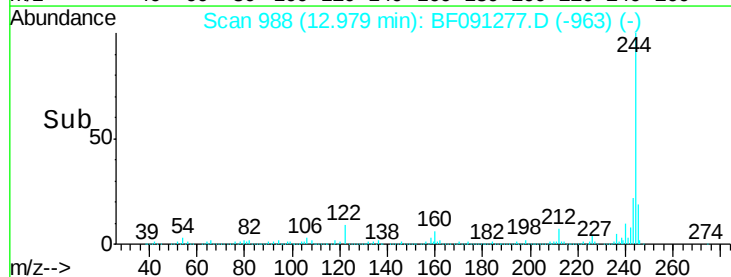
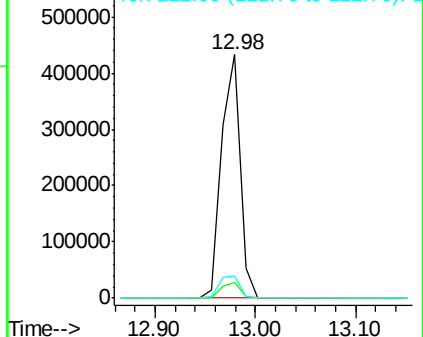
Lab File: BF091277.D

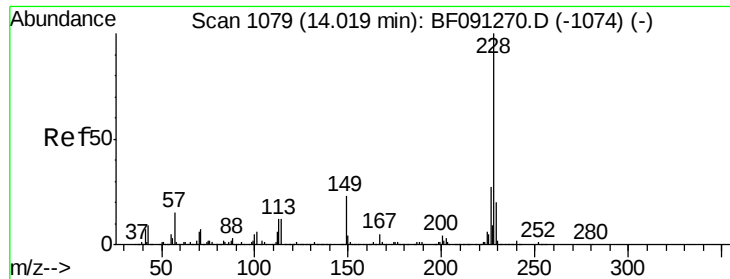
Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	557028		
212	6.5	6.5	9.7	
122	8.9	9.5	14.3#	



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





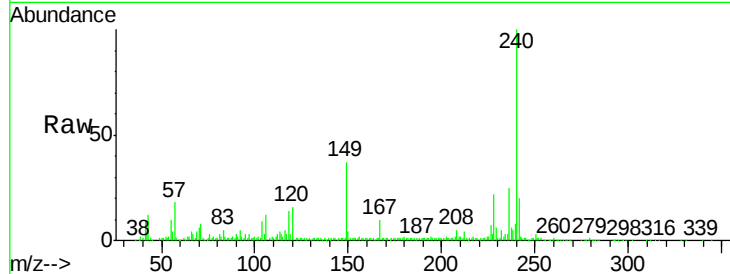
#80
Benzo(a)anthracene
Concen: 2.05 ng m
RT: 14.02 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
T12-13-8HCOMP-1

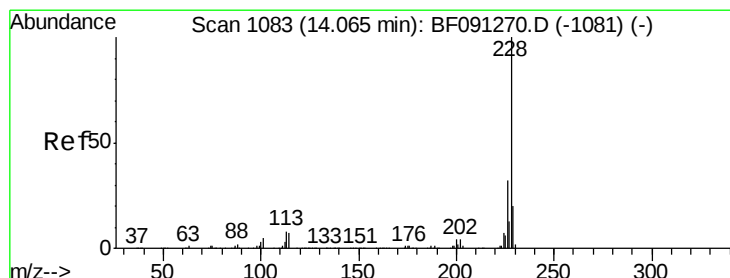
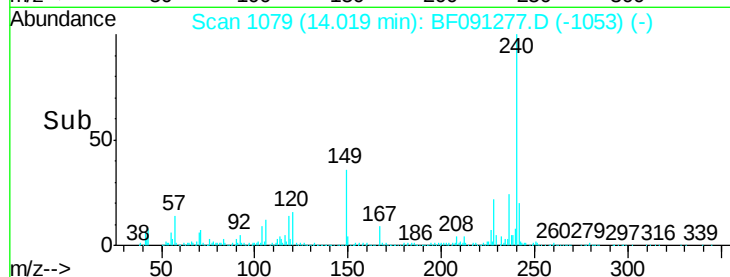
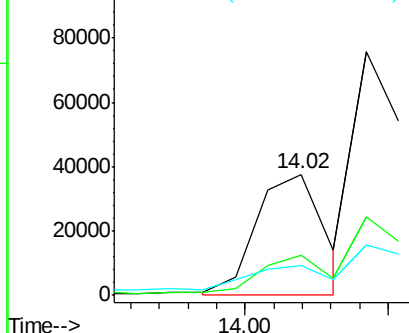
Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.5	33.7
229	24.7	16.4	24.6

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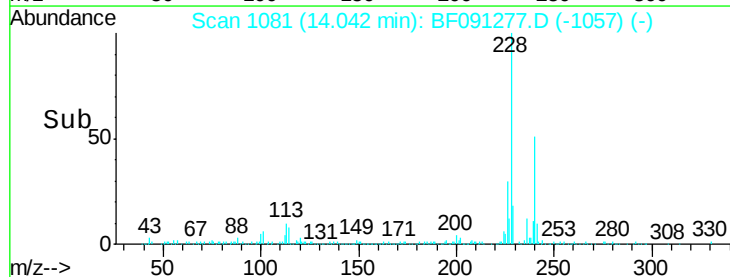
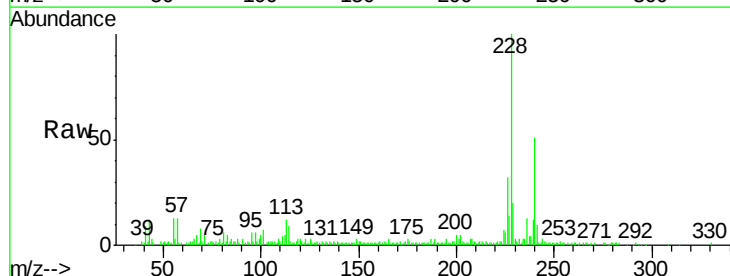
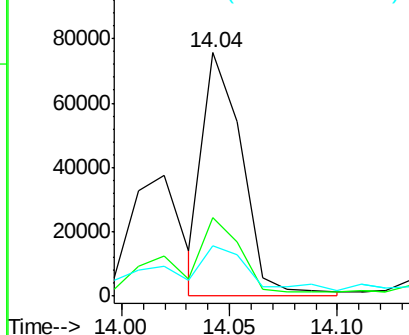
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

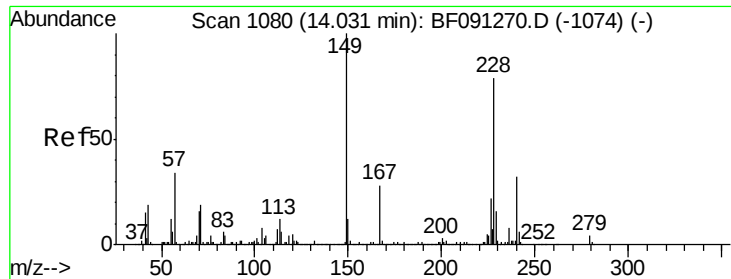


#82
Chrysene
Concen: 3.37 ng m
RT: 14.04 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BF091277.D
Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.4
229	20.5	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





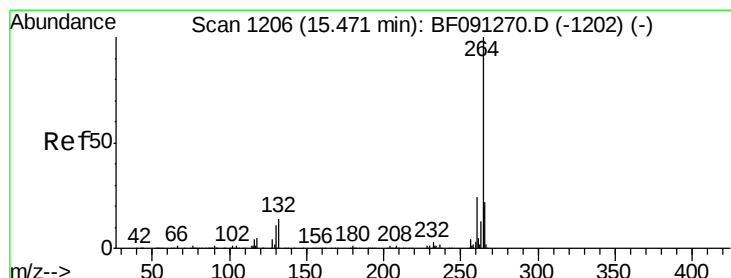
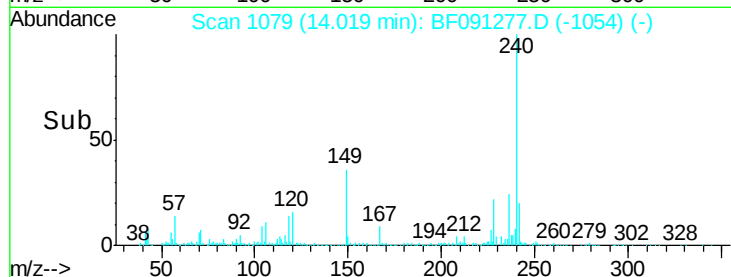
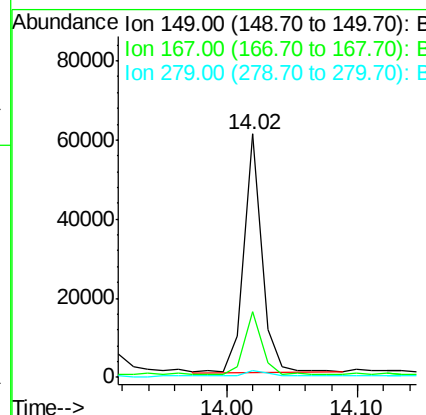
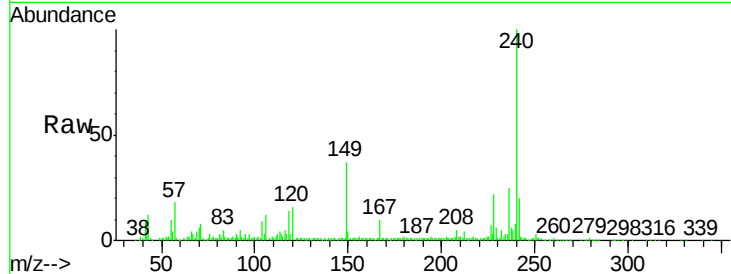
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.94 ng
 RT: 14.02 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-8HCOMP-1

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	57500		
167	26.9	19.6	29.4	
279	2.9	1.9	2.9	

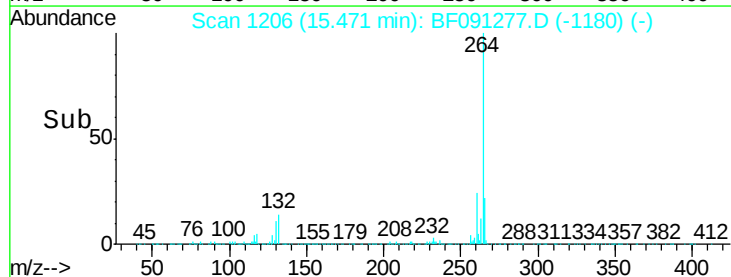
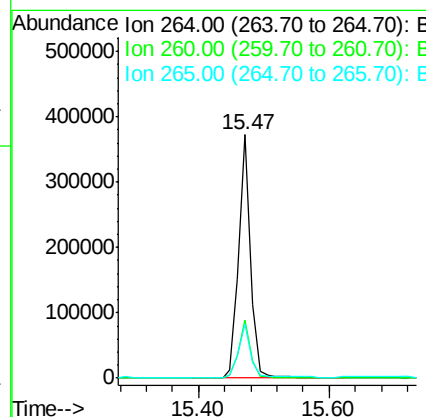
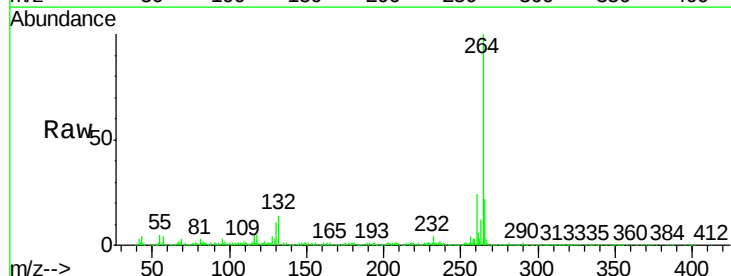
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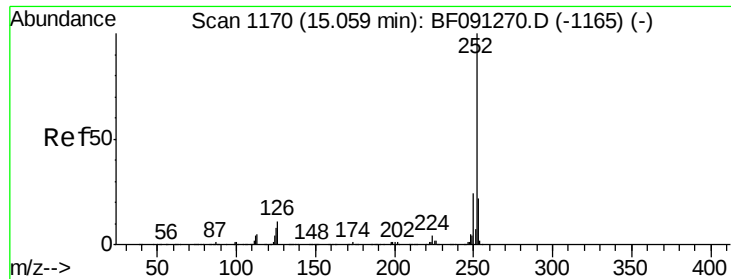
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	460114		
260	24.0	18.8	28.2	
265	22.3	17.0	25.6	





#87
 Benzo(b)fluoranthene
 Concen: 2.09 ng m
 RT: 15.05 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF091277.D
 Acq: 23 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 T12-13-8HCOMP-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.2	27.2#
125	18.0	8.6	13.0#

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