

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091038.D
 Acq On : 4 Nov 2016 23:24
 Operator : UM/SJ
 Sample : H5526-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-104-0.5-1.0

Manual Integrations
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Quant Time: Nov 07 05:12:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	205688	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	736116	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	378514	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	474695	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	468039	20.00	ng	0.00
86) Perylene-d12	15.25	264	356402	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1560496	125.30	ng	0.01
7) Phenol-d6	6.36	99	1724797	102.03	ng	0.01
23) Nitrobenzene-d5	7.28	82	1315452	97.48	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	364598	106.55	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1804244	82.06	ng	0.00
78) Terphenyl-d14	12.82	244	1617644	86.25	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.37	94	37936	2.03	ng	# 68
31) Naphthalene	8.01	128	111217	3.16	ng	99
49) Dimethylphthalate	9.47	163	705829	28.44	ng	99
70) Phenanthrene	11.24	178	262479	10.40	ng	98
73) Di-n-butylphthalate	11.80	149	523868	17.23	ng	99
74) Fluoranthene	12.43	202	429449	16.41	ng	97
77) Pyrene	12.66	202	369320	12.05	ng	98
80) Benzo(a)anthracene	13.85	228	247606	9.32	ng	96
82) Chrysene	13.88	228	190578m	7.27	ng	
83) Bis(2-ethylhexyl)phthalate	13.86	149	236818	11.94	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.57	276	107032	4.92	ng	# 88
87) Benzo(b)fluoranthene	14.87	252	259720m	10.74	ng	
88) Benzo(k)fluoranthene	14.88	252	107708m	5.08	ng	
89) Benzo(a)pyrene	15.20	252	161812	7.69	ng	# 84
91) Benzo(g,h,i)perylene	16.97	276	97454	5.92	ng	98

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

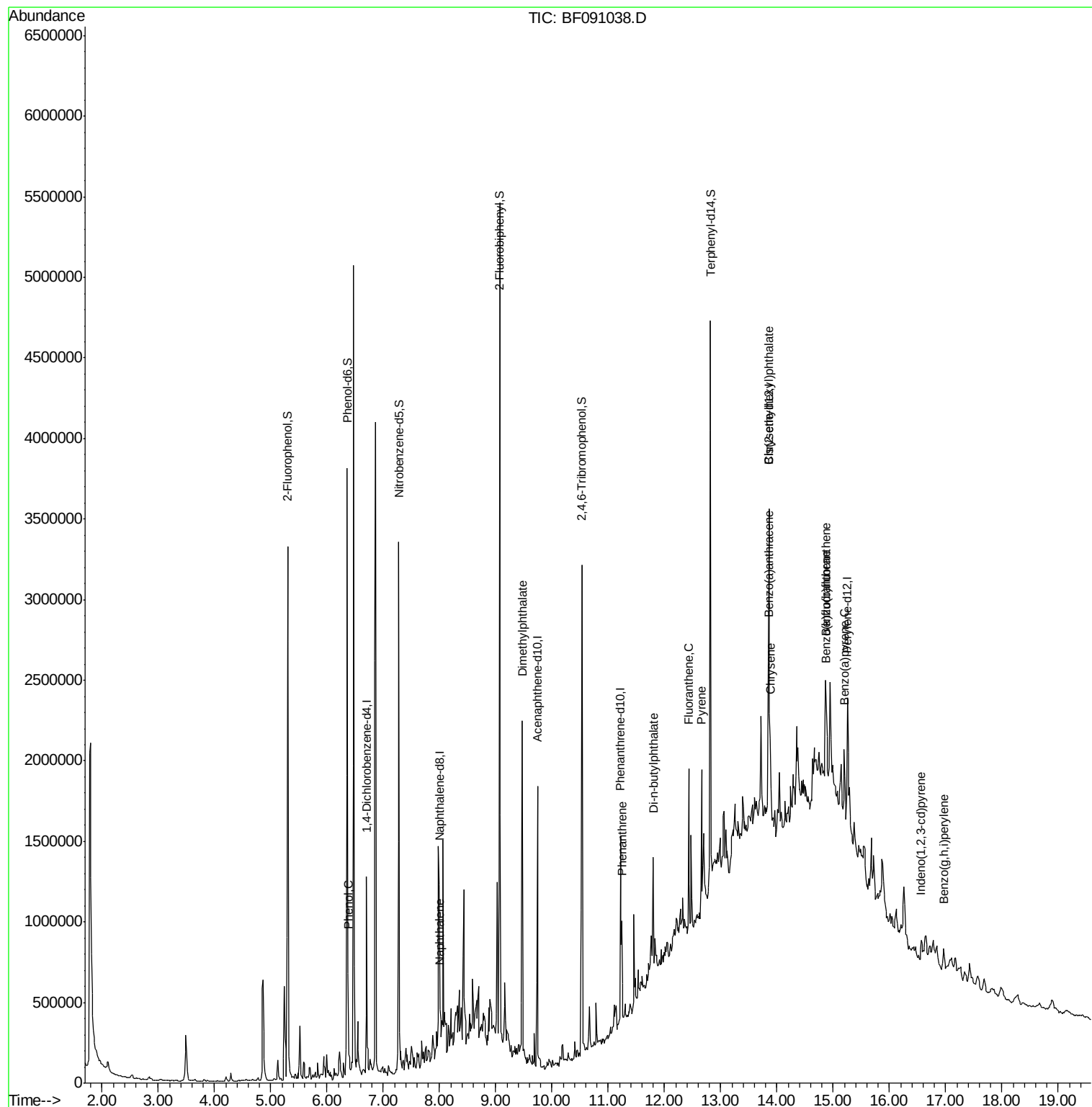
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091038.D
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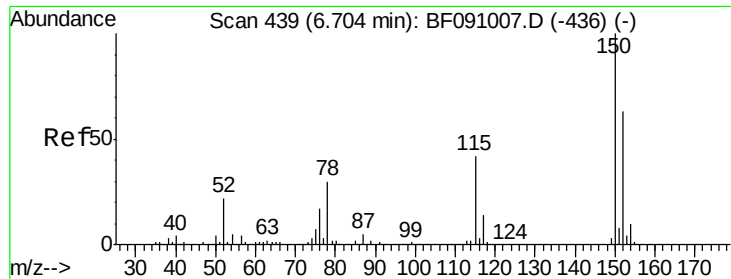
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Quant Time: Nov 07 05:12:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

Instrument :

BNA_F

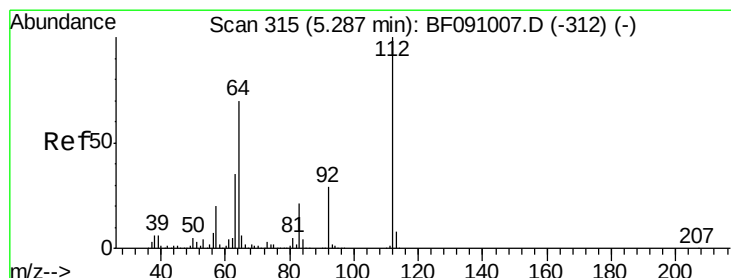
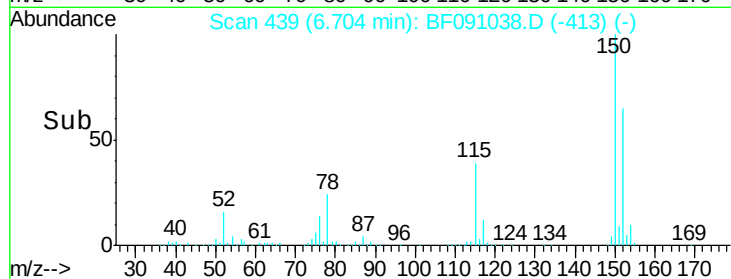
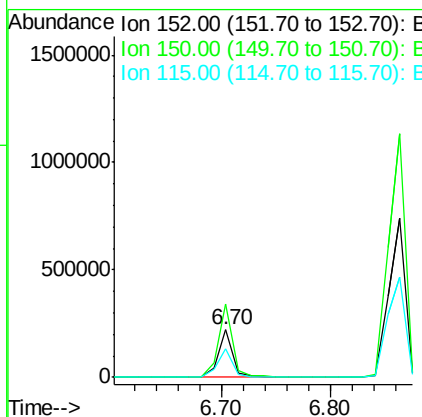
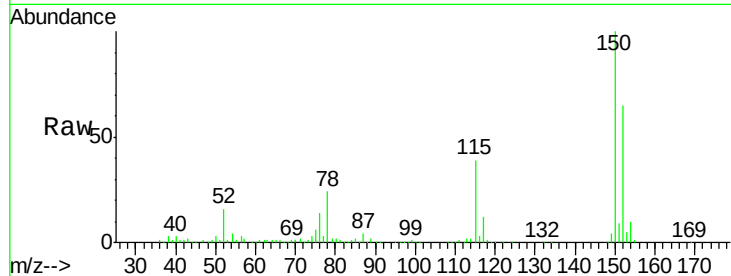
ClientSampleId :

SB-104-0.5-1.0

Tgt Ion:	152	Resp:	205688
Ion Ratio	Lower	Upper	
152	100		
150	154.4	126.8	190.2
115	60.1	53.3	79.9

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#5

2-Fluorophenol

Concen: 125.30 ng

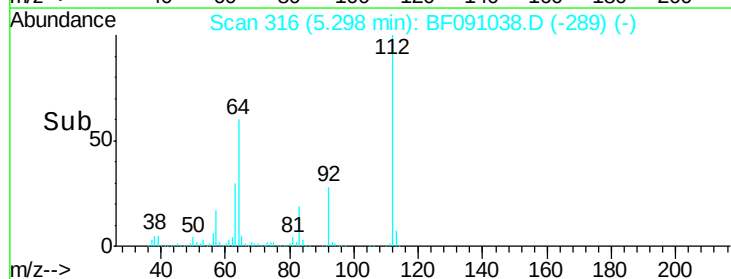
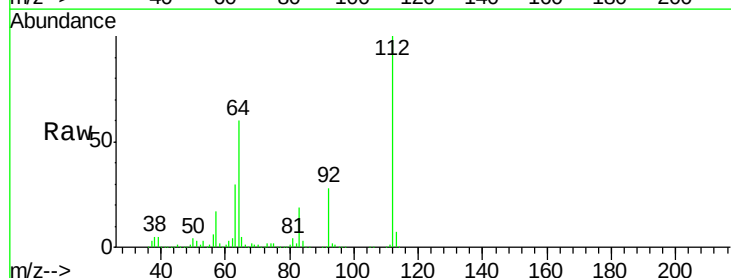
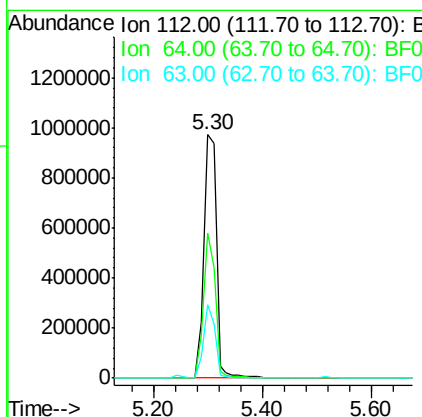
RT: 5.30 min Scan# 316

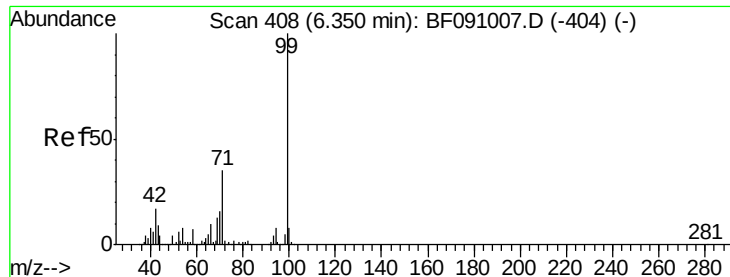
Delta R.T. 0.01 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

Tgt Ion:	112	Resp:	1560496
Ion Ratio	Lower	Upper	
112	100		
64	59.7	55.8	83.6
63	30.2	28.0	42.0





#7

Phenol-d6

Concen: 102.03 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

Instrument :

BNA_F

ClientSampleId :

SB-104-0.5-1.0

Tgt Ion: 99 Resp: 1724797

Ion Ratio Lower Upper

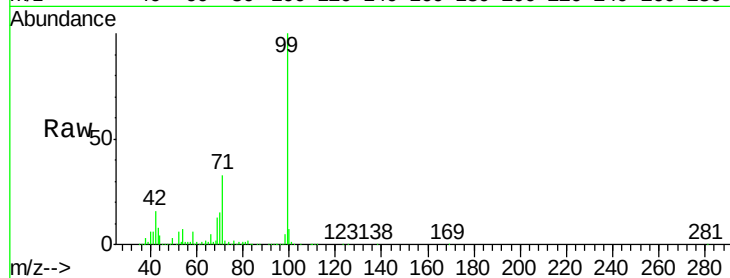
99 100

42 15.6 13.9 20.9

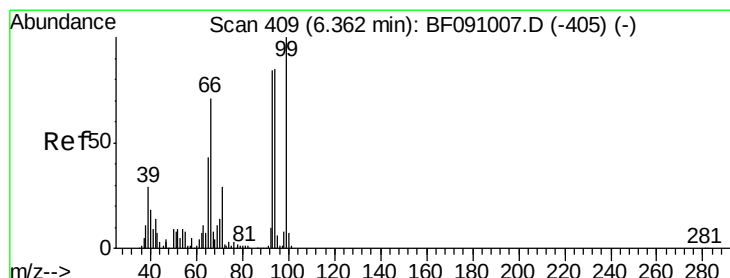
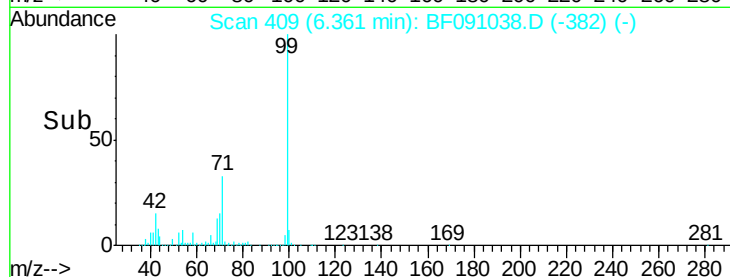
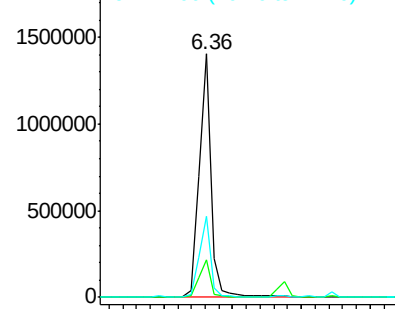
71 33.5 27.8 41.8

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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



#10

Phenol

Concen: 2.03 ng

RT: 6.37 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

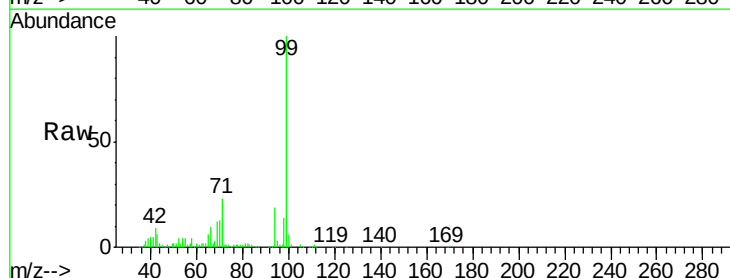
Tgt Ion: 94 Resp: 37936

Ion Ratio Lower Upper

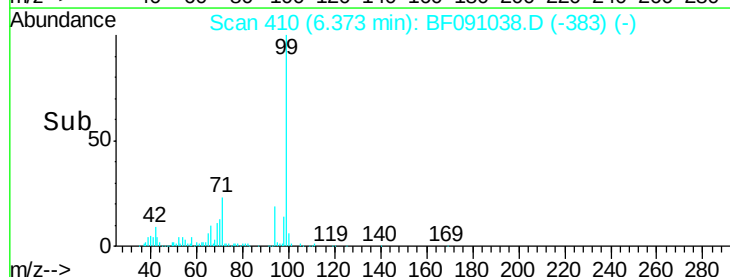
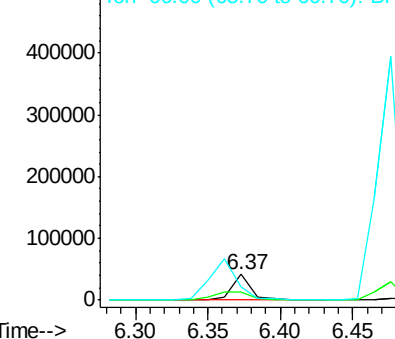
94 100

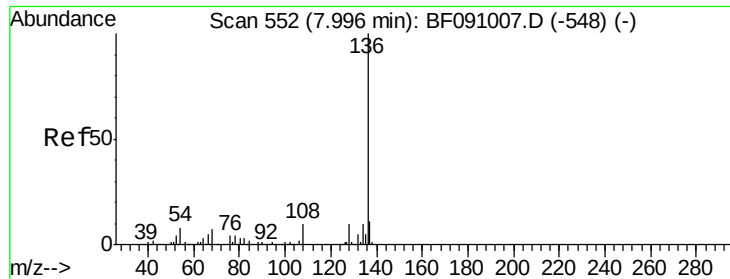
65 30.5 30.4 70.4

66 52.0 62.9 102.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

Instrument :

BNA_F

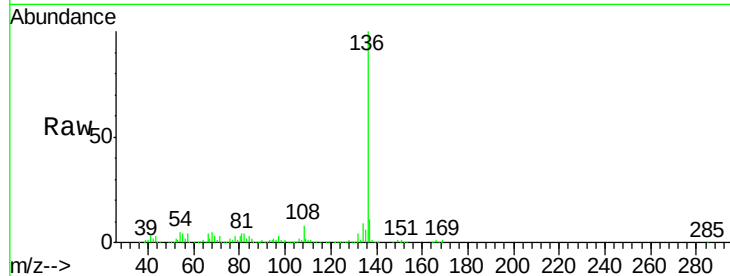
ClientSampleId :

SB-104-0.5-1.0

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	4.9	6.2	9.2#
68	5.1	5.5	8.3#

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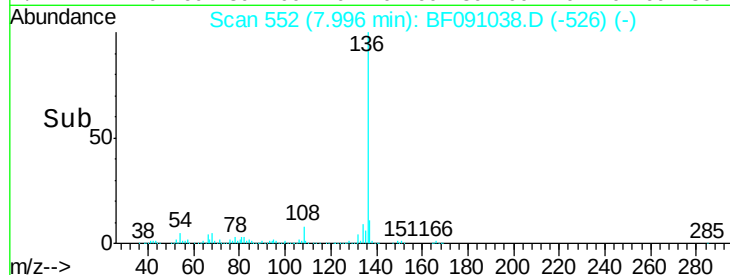
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

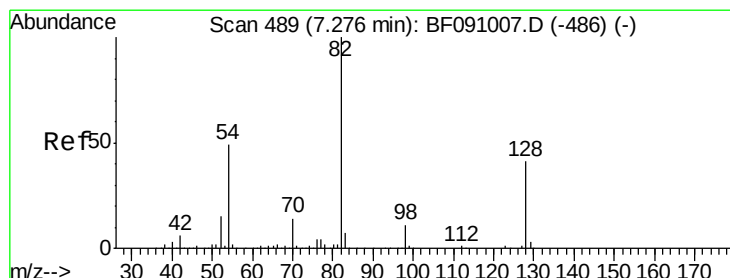
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 97.48 ng

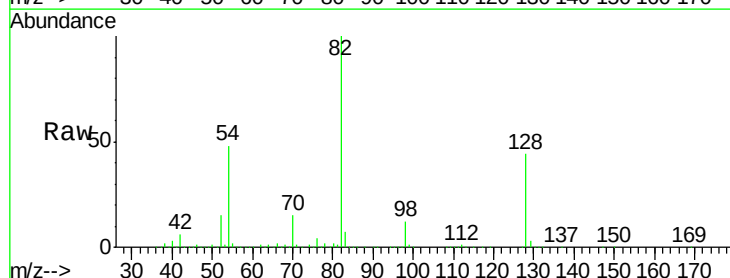
RT: 7.28 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.9	32.4	48.6
54	47.8	39.2	58.8

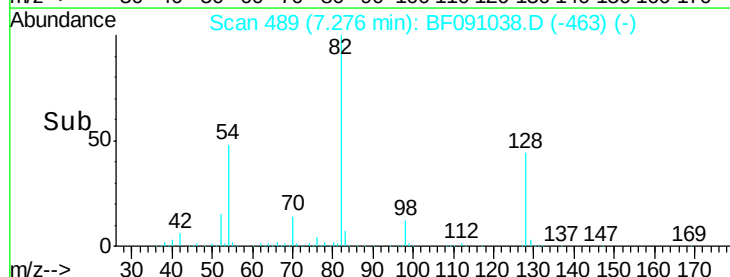


Abundance Ion 82.00 (81.70 to 82.70): BF0

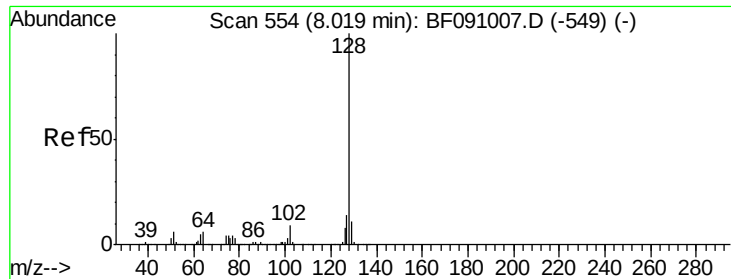
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



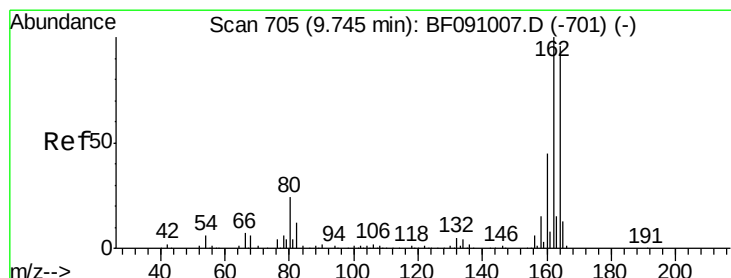
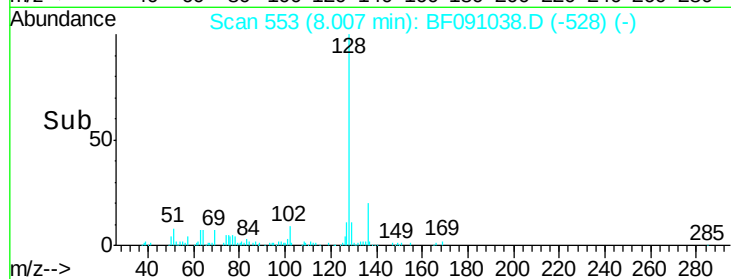
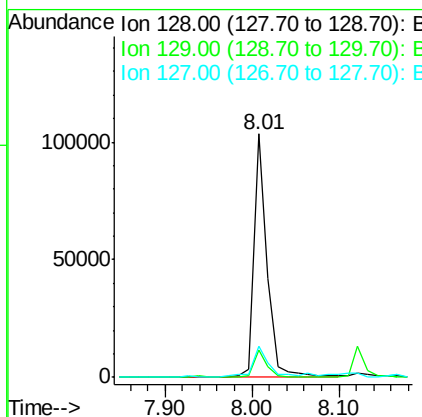
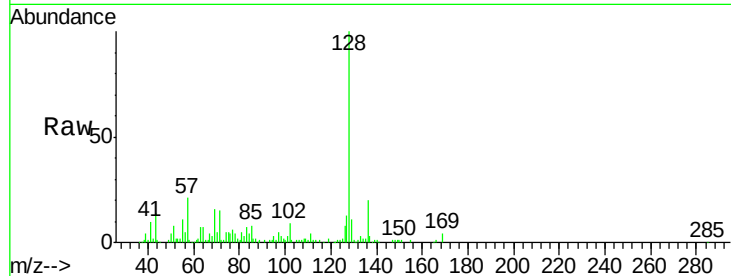
#31
Naphthalene
Concen: 3.16 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Instrument :
BNA_F
ClientSampleId :
SB-104-0.5-1.0

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	111217		
129	11.0	9.0	13.6	
127	12.9	10.9	16.3	

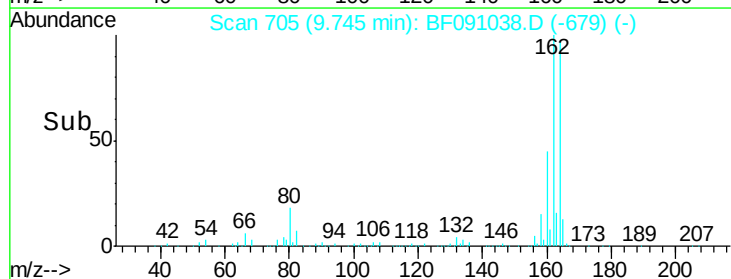
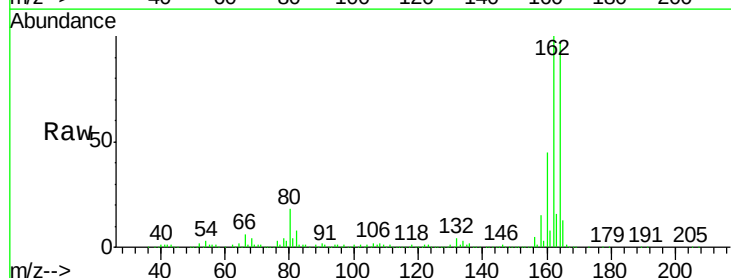
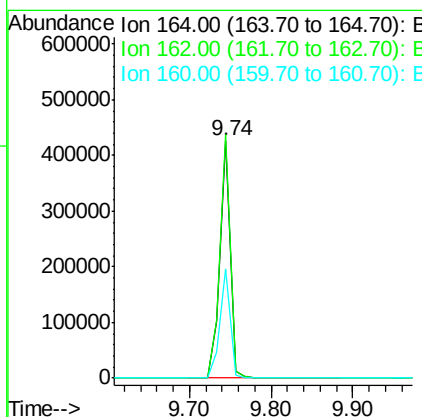
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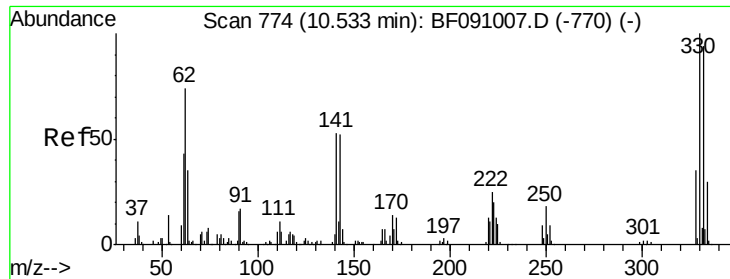
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	378514		
162	102.6	83.6	125.4	
160	46.1	37.9	56.9	





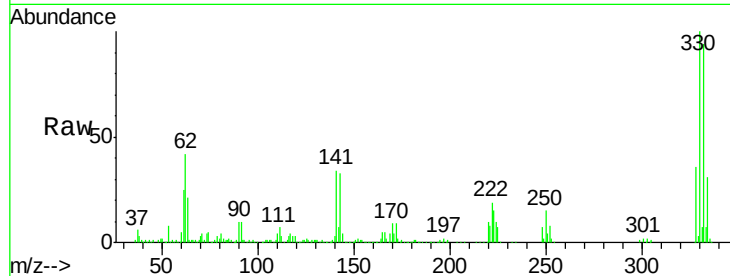
#41
 2,4,6-Tribromophenol
 Concen: 106.55 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091038.D
 Acq: 4 Nov 2016 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-104-0.5-1.0

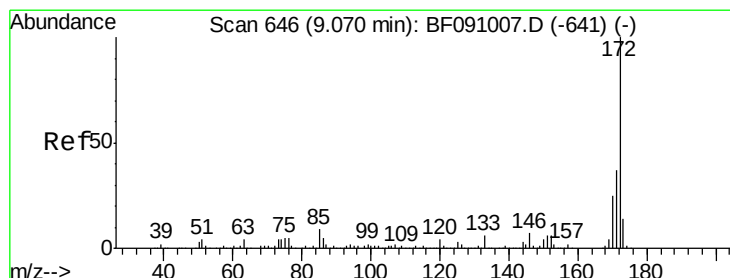
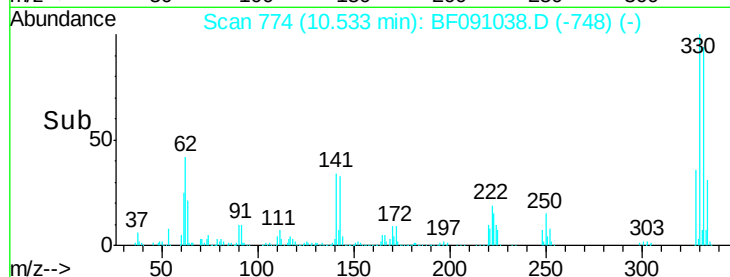
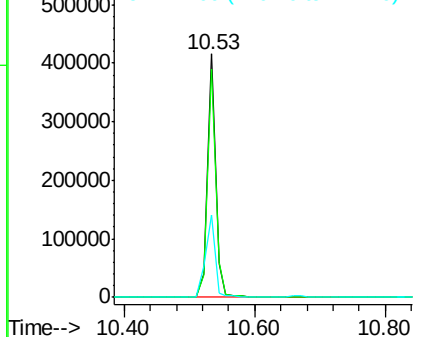
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	364598		
332	94.9	75.9	113.9	
141	39.1	36.1	54.1	

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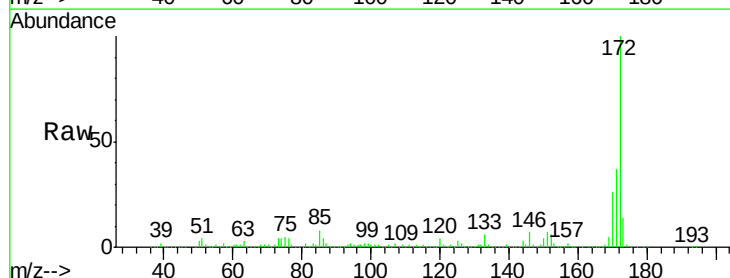


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

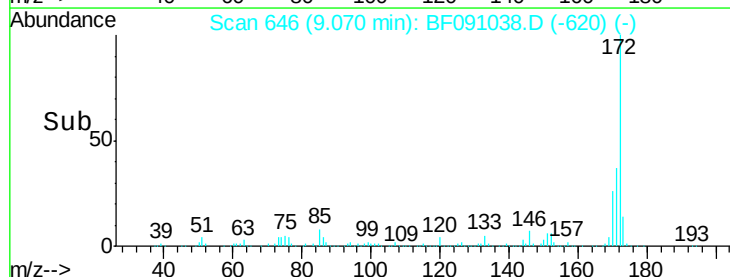
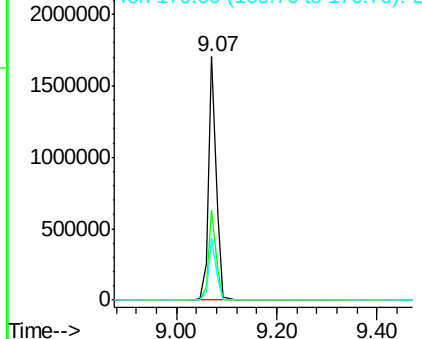


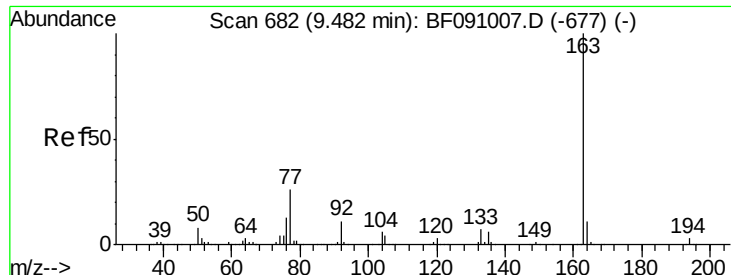
#44
 2-Fluorobiphenyl
 Concen: 82.06 ng
 RT: 9.07 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF091038.D
 Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1804244		
171	36.8	29.8	44.6	
170	25.6	20.3	30.5	



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





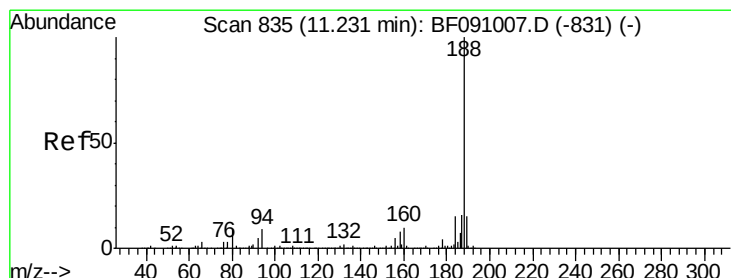
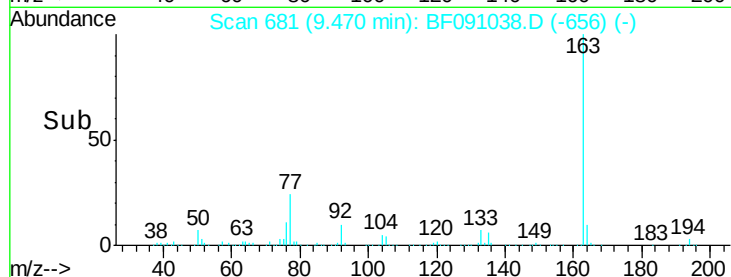
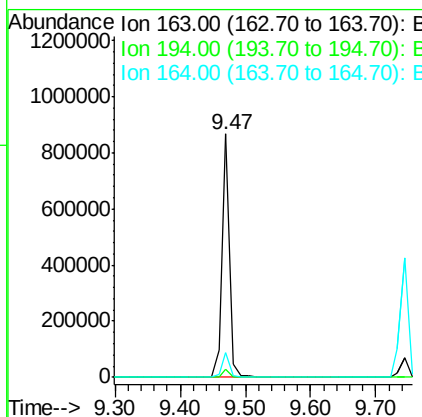
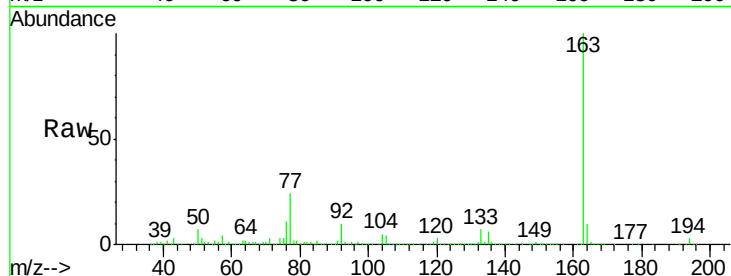
#49
Dimethylphthalate
Concen: 28.44 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Instrument :
BNA_F
ClientSampleId :
SB-104-0.5-1.0

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.7	13.1

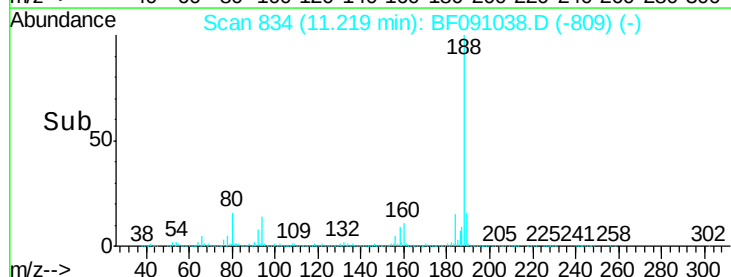
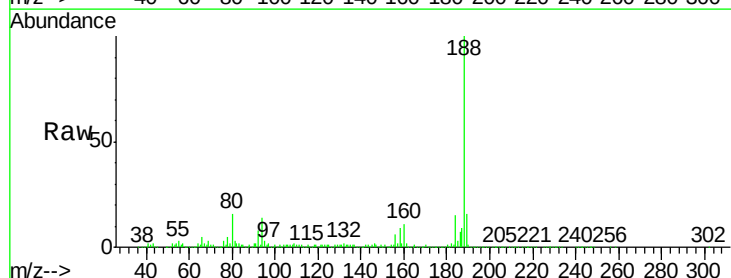
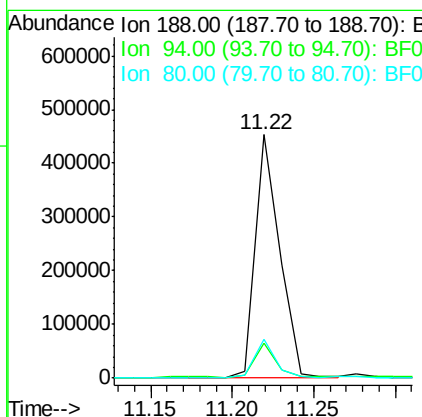
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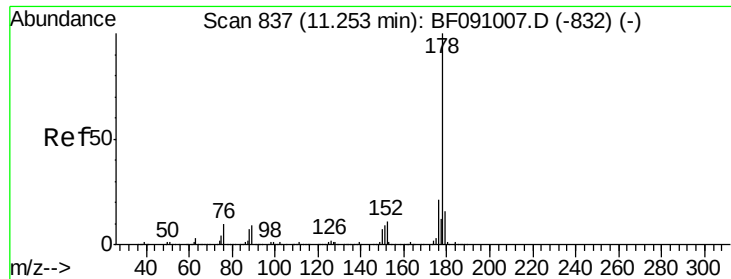
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.2	7.0	10.4#
80	15.9	7.5	11.3#





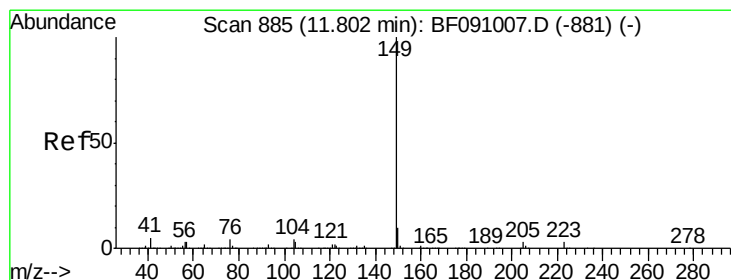
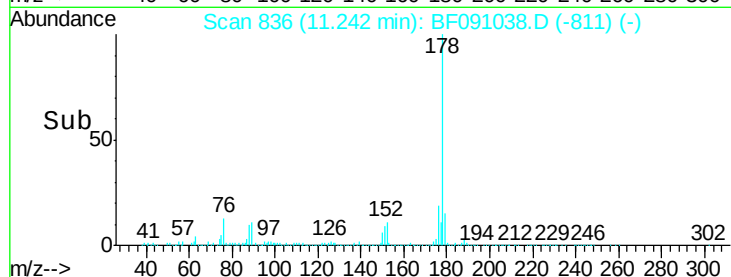
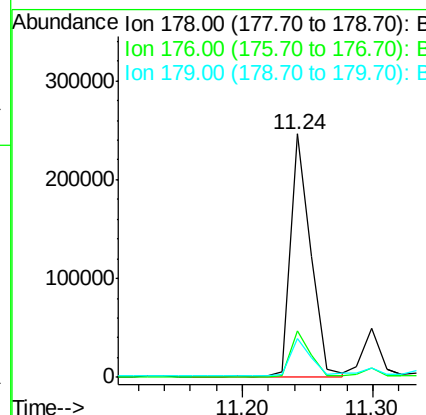
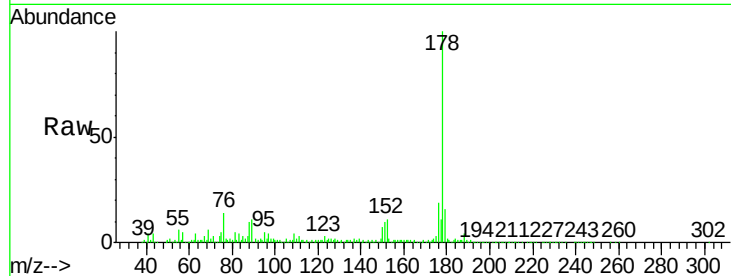
#70
Phenanthrene
Concen: 10.40 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Instrument :
BNA_F
ClientSampleId :
SB-104-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	15.8	12.9	19.3

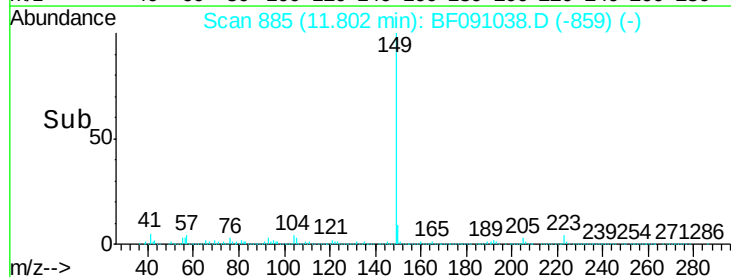
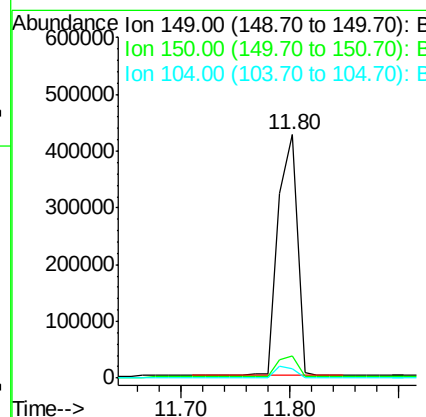
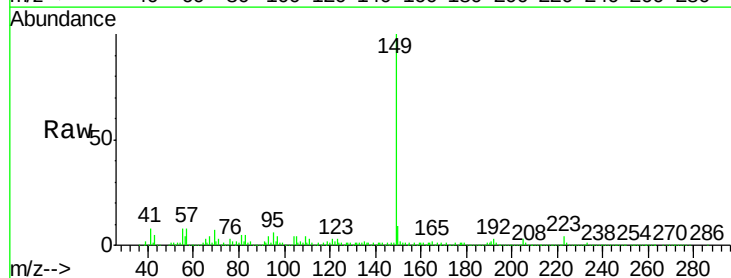
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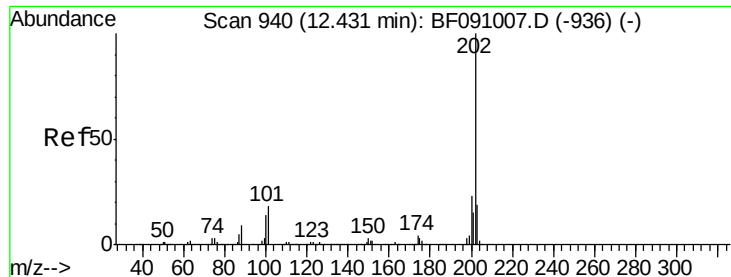
sohil
11/7/2016 4:40:29 PM



#73
Di-n-butylphthalate
Concen: 17.23 ng
RT: 11.80 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.1	3.6	5.4





#74

Fluoranthene

Concen: 16.41 ng

RT: 12.43 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

Instrument :

BNA_F

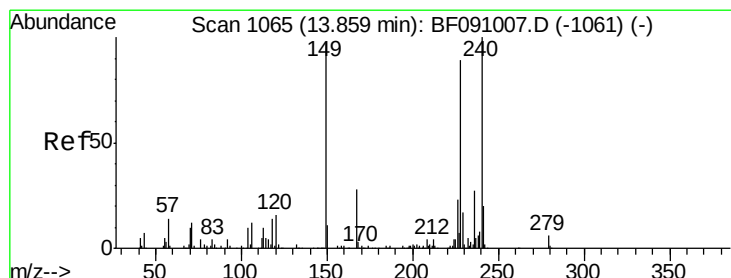
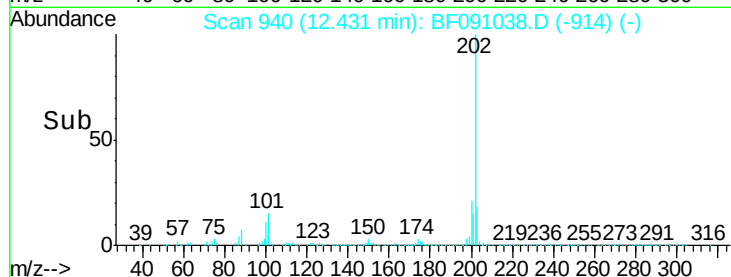
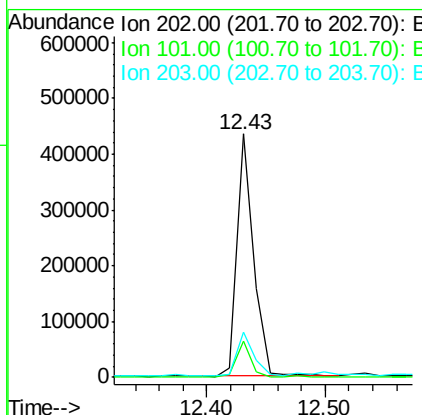
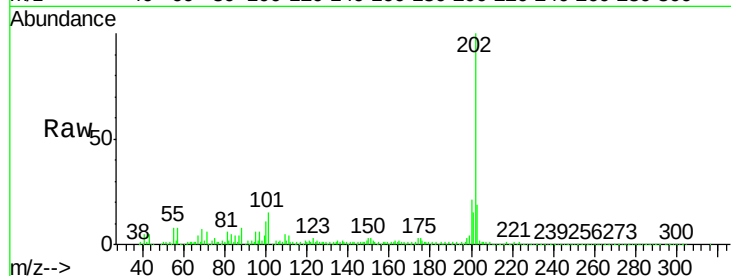
ClientSampleId :

SB-104-0.5-1.0

Tgt	Ion	202	Resp:	429449
Ion	Ratio	Lower	Upper	
202	100			
101	14.8	0.0	37.6	
203	18.7	0.0	38.6	

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#75

Chrysene-d12

Concen: 20.00 ng

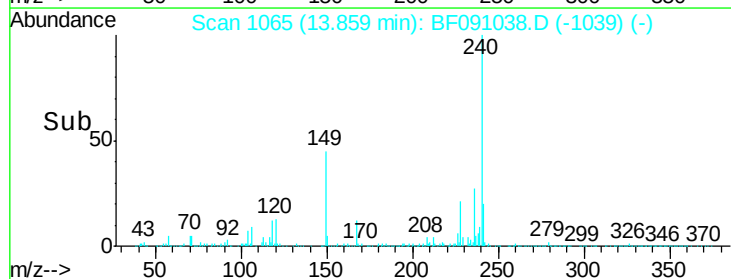
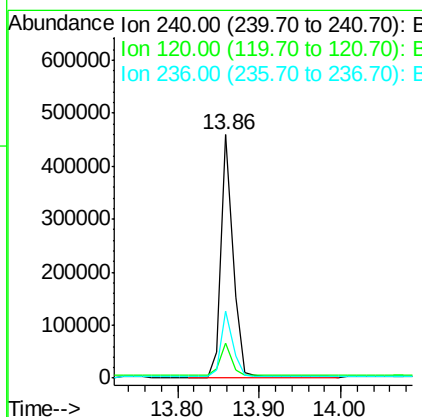
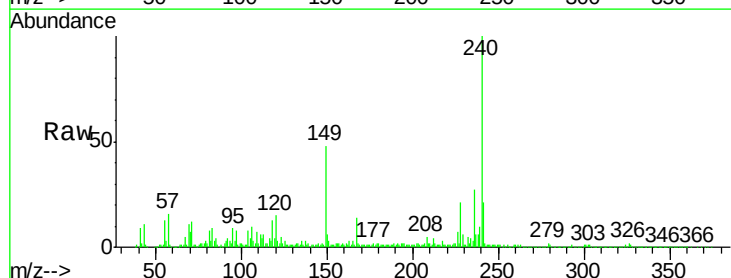
RT: 13.86 min Scan# 1065

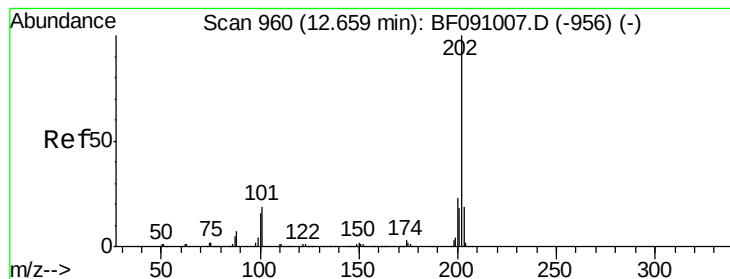
Delta R.T. -0.00 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

Tgt	Ion	240	Resp:	468039
Ion	Ratio	Lower	Upper	
240	100			
120	14.6	12.9	19.3	
236	27.5	21.9	32.9	





#77

Pyrene

Concen: 12.05 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF091038.D

Acq: 4 Nov 2016 23:24

Instrument :

BNA_F

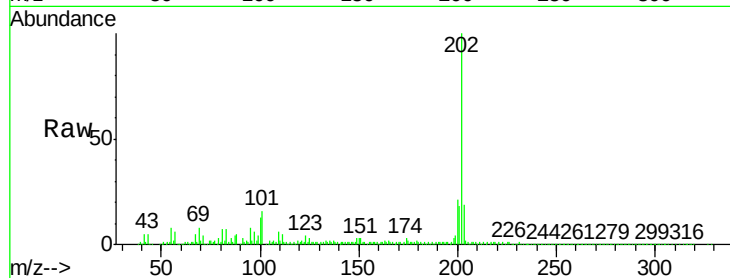
ClientSampled :

SB-104-0.5-1.0

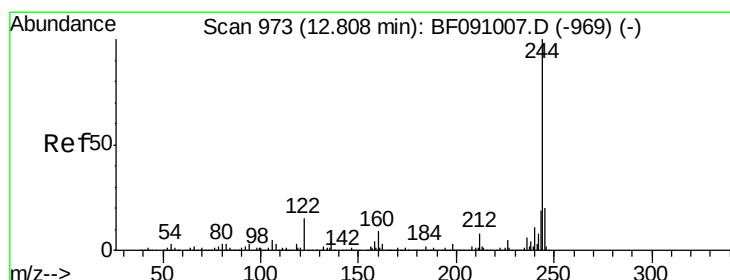
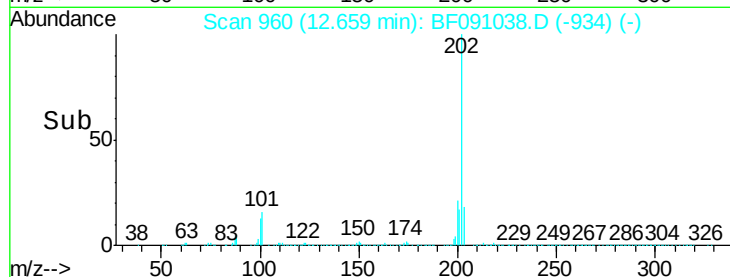
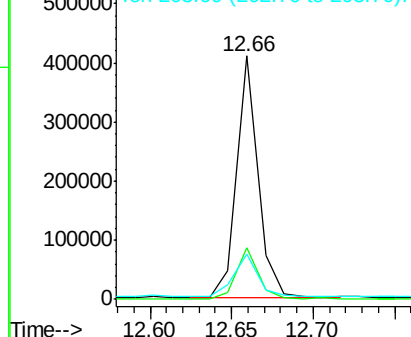
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		369320		
200	21.4	18.4	27.6		
203	18.8	15.0	22.6		

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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: 86.25 ng

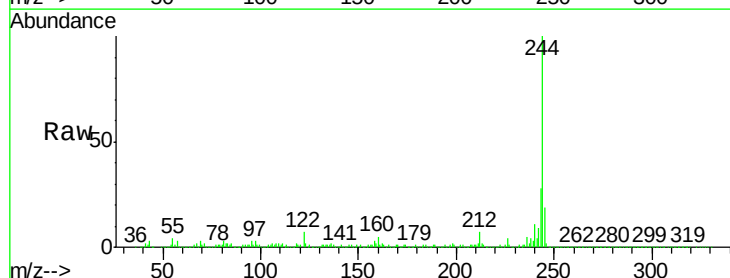
RT: 12.82 min Scan# 974

Delta R.T. 0.01 min

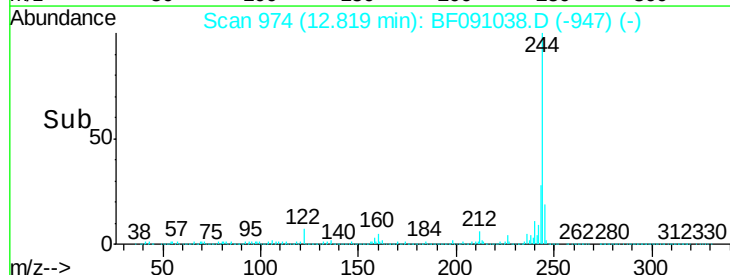
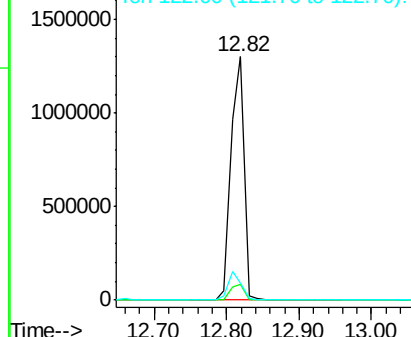
Lab File: BF091038.D

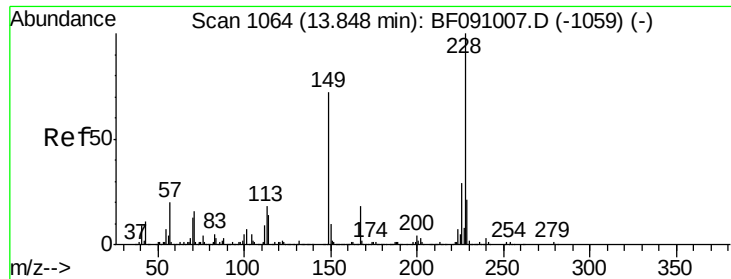
Acq: 4 Nov 2016 23:24

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		1617644		
212	6.5	6.4	9.6		
122	7.2	12.3	18.5		



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





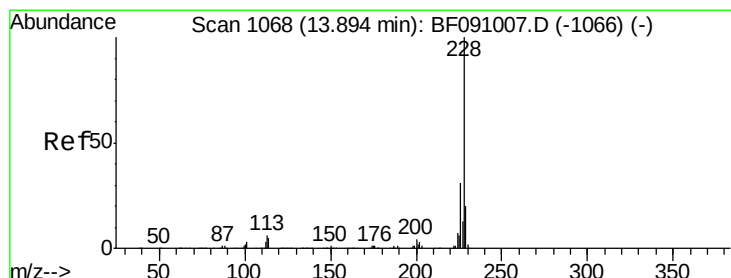
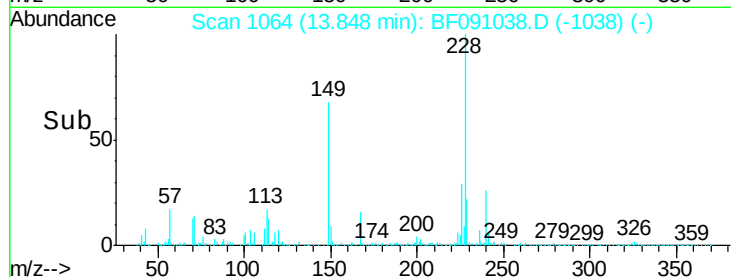
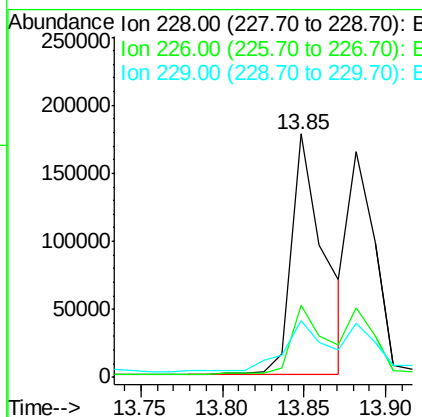
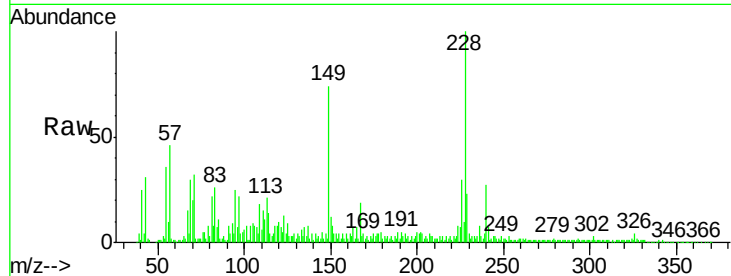
#80
Benzo(a)anthracene
Concen: 9.32 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Instrument :
BNA_F
ClientSampleId :
SB-104-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.6
229	23.4	16.6	24.8

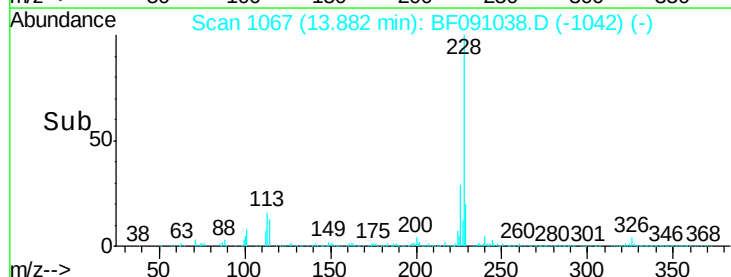
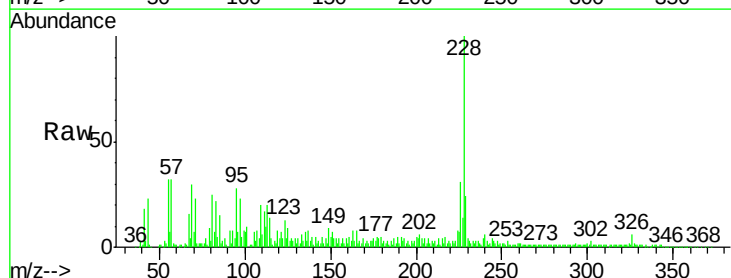
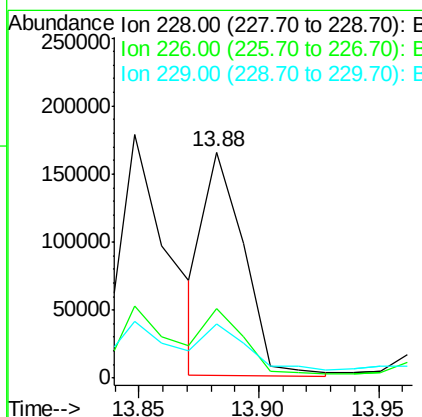
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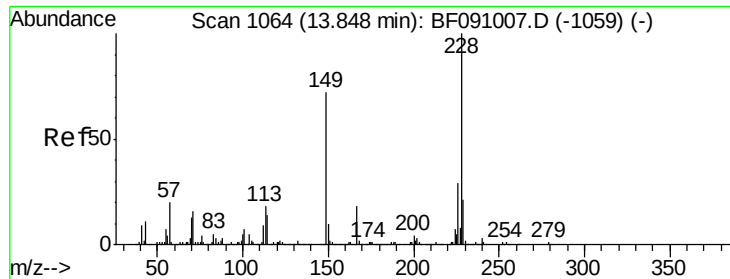
sohil
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#82
Chrysene
Concen: 7.27 ng m
RT: 13.88 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	23.7	15.9	23.9





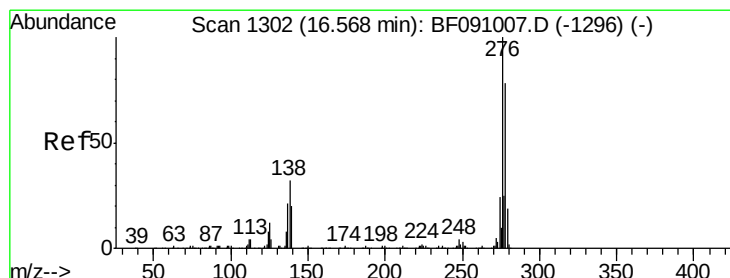
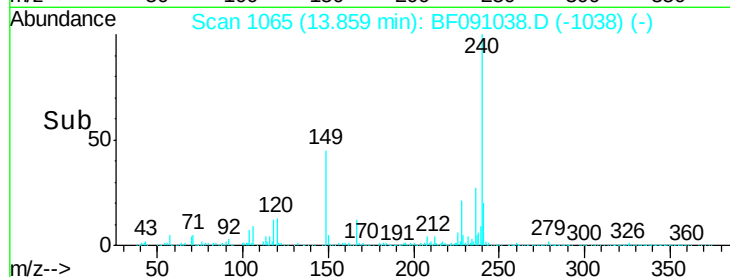
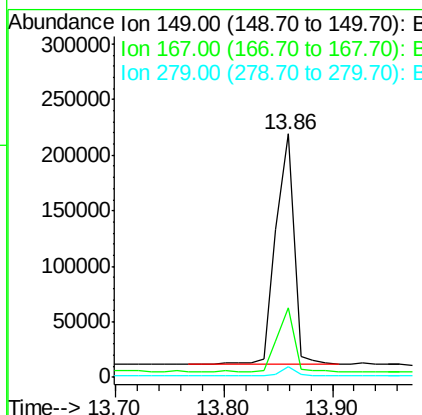
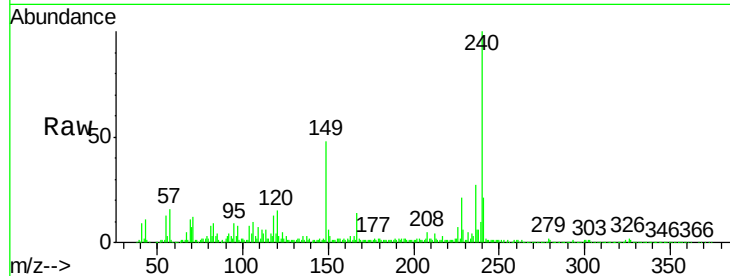
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.94 ng
 RT: 13.86 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: BF091038.D
 Acq: 4 Nov 2016 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-104-0.5-1.0

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	236818		
167	28.3	20.4	30.6	
279	4.6	1.6	2.4	

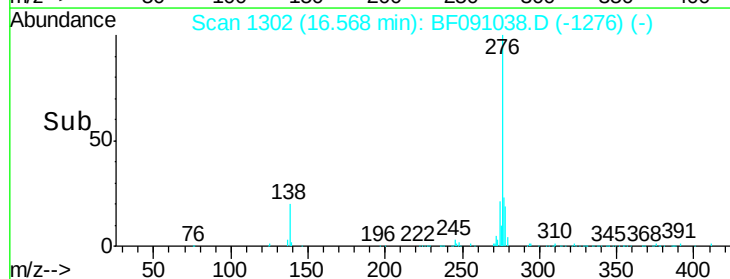
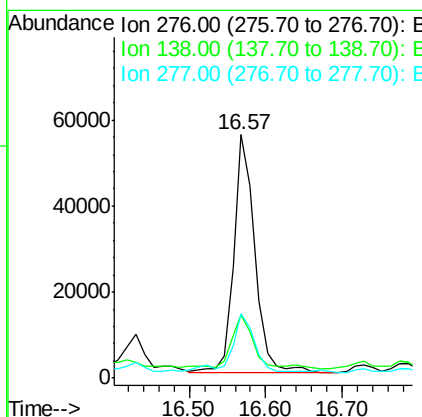
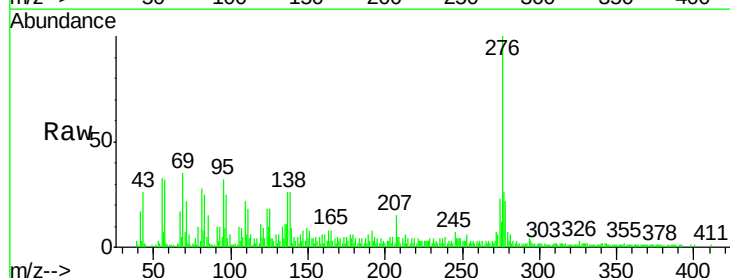
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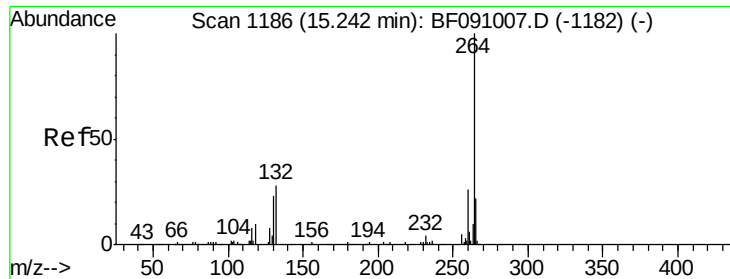
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.92 ng
 RT: 16.57 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF091038.D
 Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	107032		
138	21.6	26.0	39.0	
277	26.0	20.1	30.1	





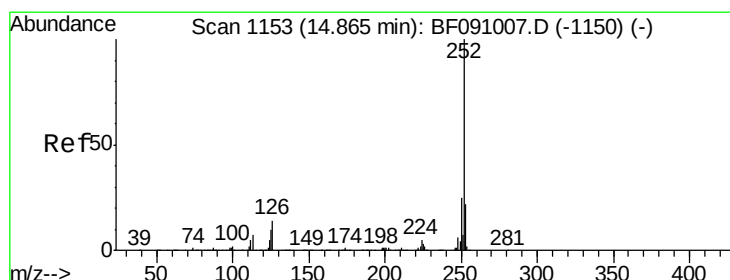
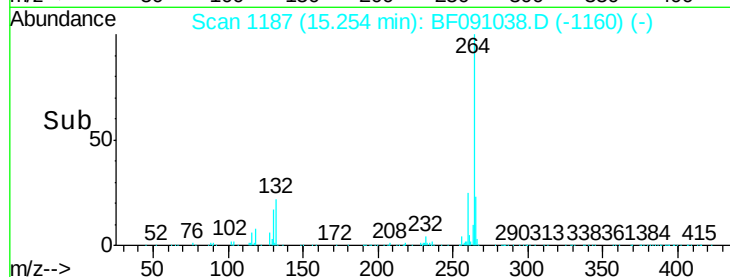
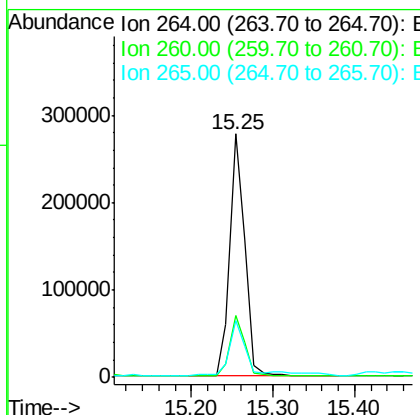
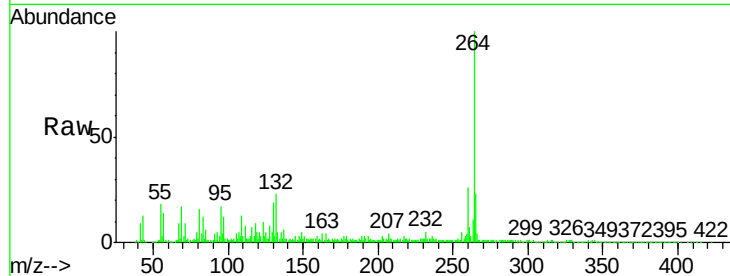
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Instrument :
BNA_F
ClientSampleId :
SB-104-0.5-1.0

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	356402		
260	25.6	20.6	30.8	
265	23.4	17.8	26.8	

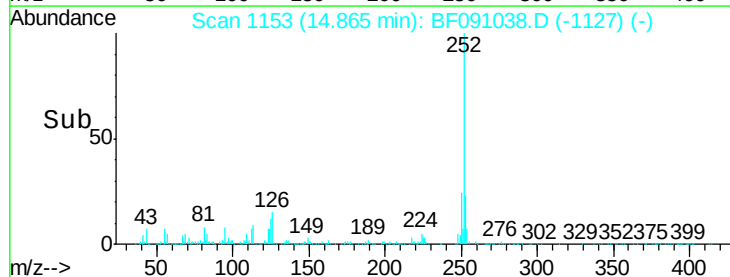
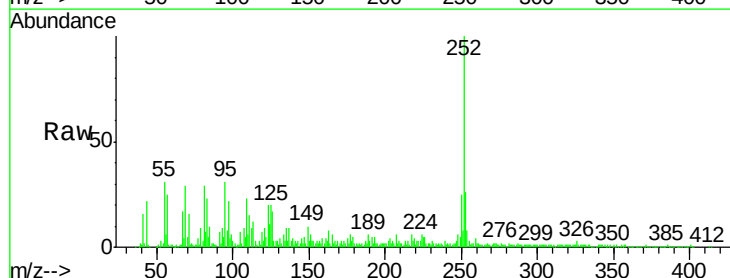
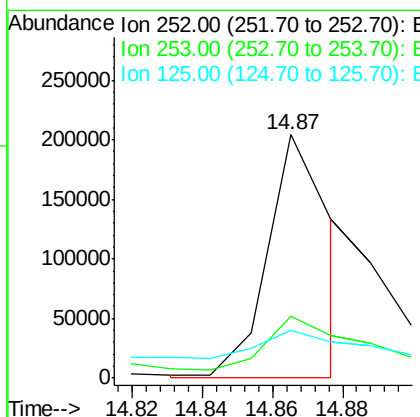
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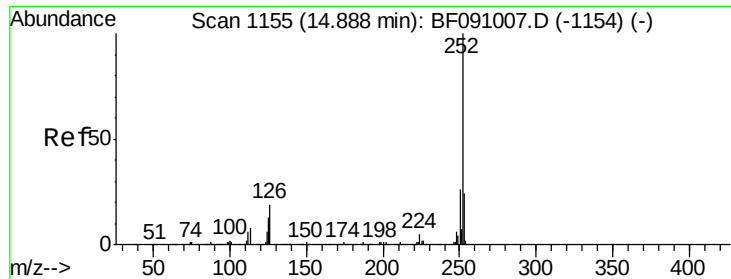
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#87
Benzo(b)fluoranthene
Concen: 10.74 ng m
RT: 14.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	259720		
253	25.6	18.0	27.0	
125	19.7	8.3	12.5#	





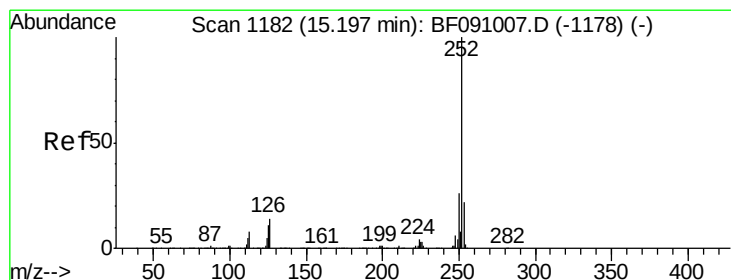
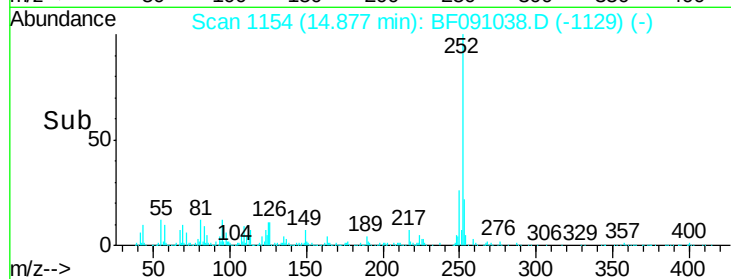
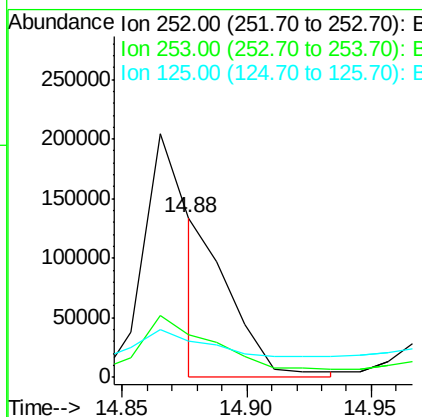
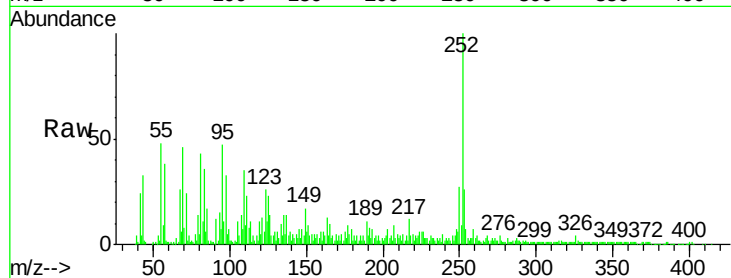
#88
Benzo(k)fluoranthene
Concen: 5.08 ng m
RT: 14.88 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Instrument :
BNA_F
ClientSampled :
SB-104-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.6	28.0
125	22.8	11.2	16.8

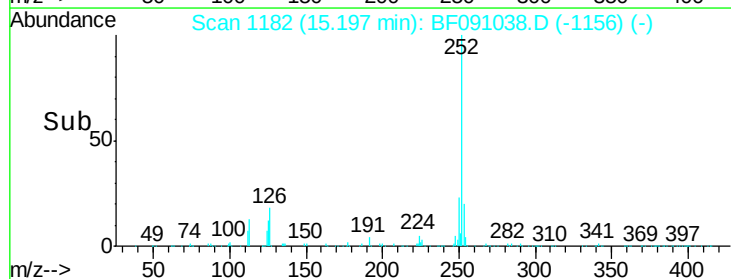
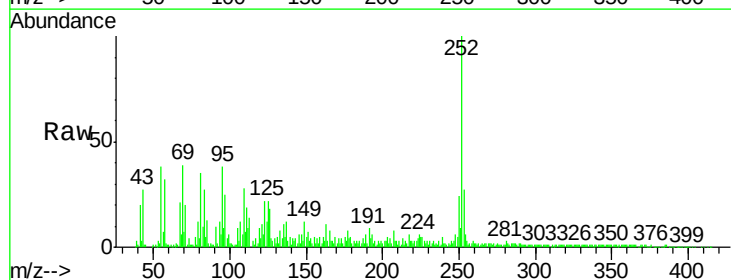
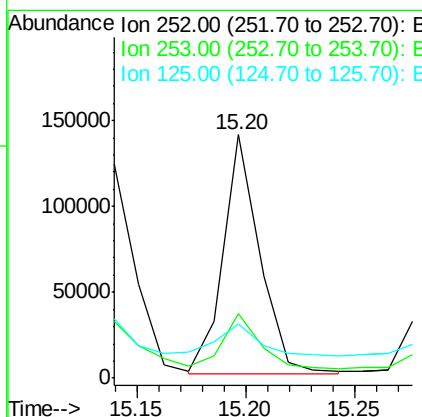
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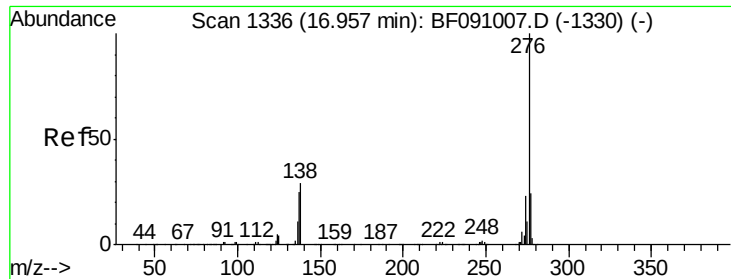
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#89
Benzo(a)pyrene
Concen: 7.69 ng
RT: 15.20 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF091038.D
Acq: 4 Nov 2016 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.8
125	22.1	8.6	13.0





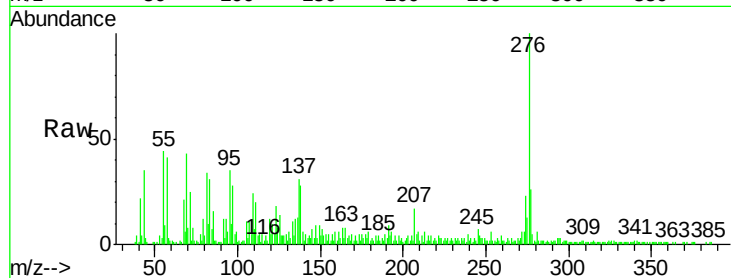
#91
 Benzo(g,h,i)perylene
 Concen: 5.92 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF091038.D
 Acq: 4 Nov 2016 23:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-104-0.5-1.0

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	28.3	23.3	34.9

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

