

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091065.D
 Acq On : 7 Nov 2016 19:28
 Operator : UM/SJ
 Sample : H5543-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-111-1.0-1.5

Manual Integrations
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Quant Time: Nov 08 00:54:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 00:06:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	190091	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	734484	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	293061	20.00	ng	0.01
63) Phenanthrene-d10	11.22	188	310541	20.00	ng	0.02
75) Chrysene-d12	13.89	240	217702	20.00	ng	0.07
86) Perylene-d12	15.29	264	270233	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1111476	96.57	ng	0.01
7) Phenol-d6	6.33	99	1346903	86.22	ng	0.00
23) Nitrobenzene-d5	7.24	82	679137	50.44	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	186058	70.22	ng	0.01
44) 2-Fluorobiphenyl	9.05	172	1321670	77.64	ng	0.00
78) Terphenyl-d14	12.83	244	451541	51.76	ng	0.05
Target Compounds						
37) 2-Methylnaphthalene	8.67	142	60386	2.67	ng	99
49) Dimethylphthalate	9.45	163	324232	16.87	ng	# 98
70) Phenanthrene	11.24	178	178438	10.81	ng	# 66
74) Fluoranthene	12.45	202	72216	4.22	ng	# 58
77) Pyrene	12.68	202	77726	5.45	ng	# 64
85) Indeno(1,2,3-cd)pyrene	16.58	276	38467	3.80	ng	95
91) Benzo(g,h,i)perylene	16.97	276	40343	3.23	ng	# 70

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

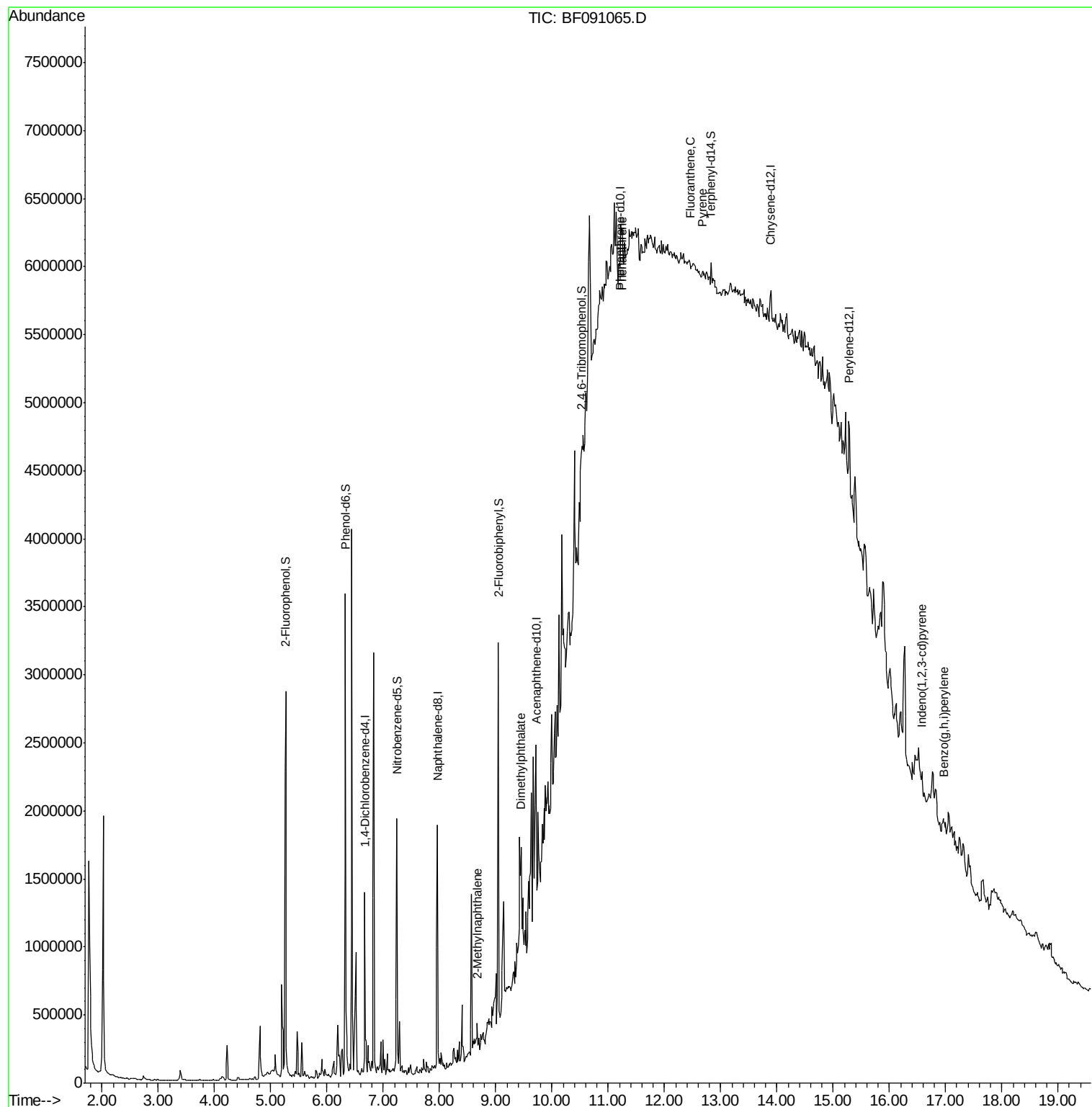
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091065.D
Acq On : 7 Nov 2016 19:28
Operator : UM/SJ
Sample : H5543-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

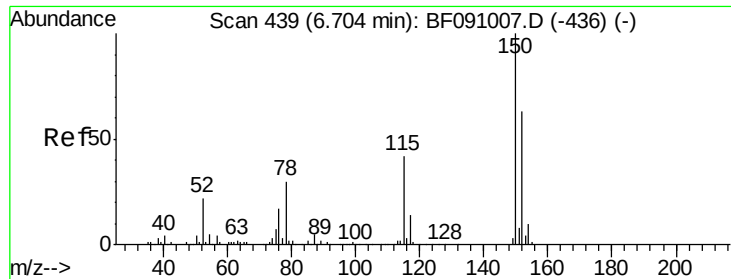
Instrument :
BNA_F
ClientSampleId :
SB-111-1.0-1.5

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Quant Time: Nov 08 00:54:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

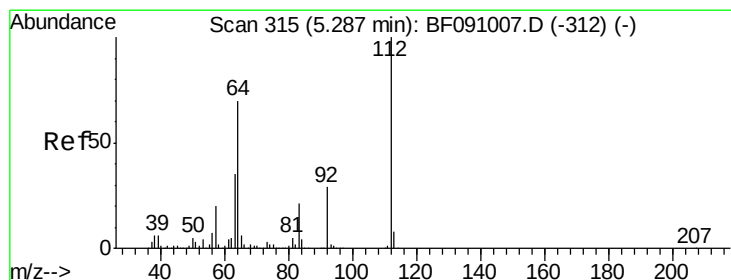
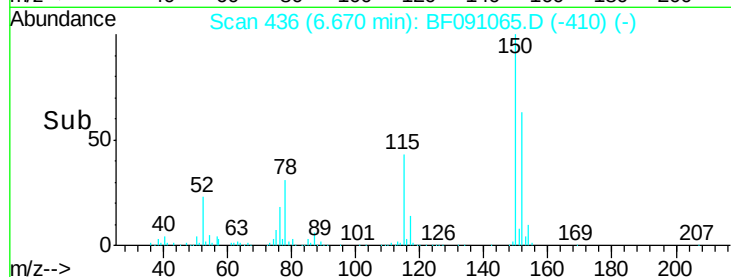
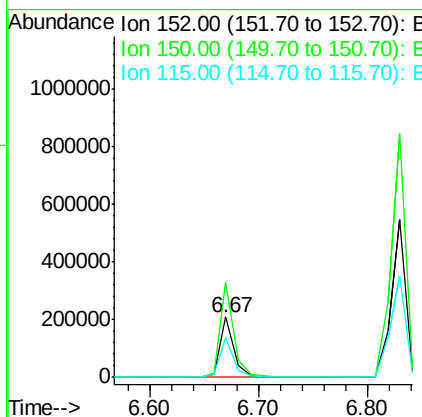
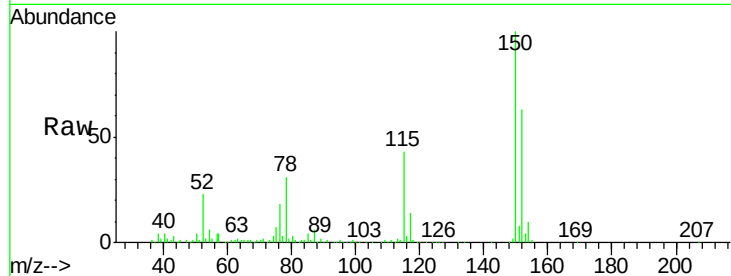
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
SB-111-1.0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.8	190.2
115	67.2	53.3	79.9

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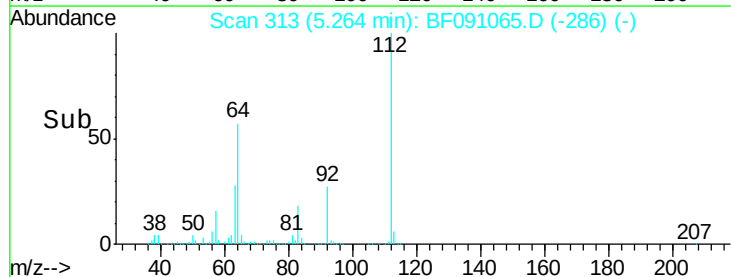
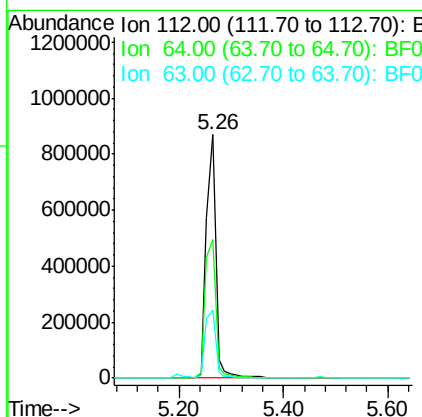
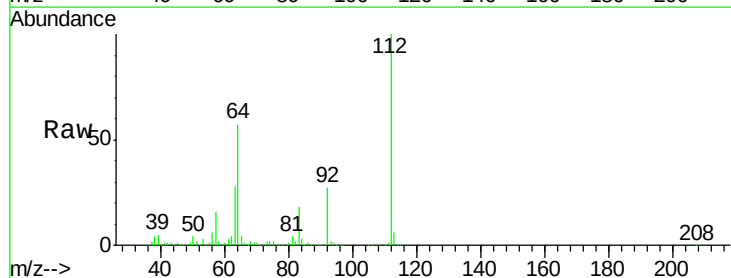
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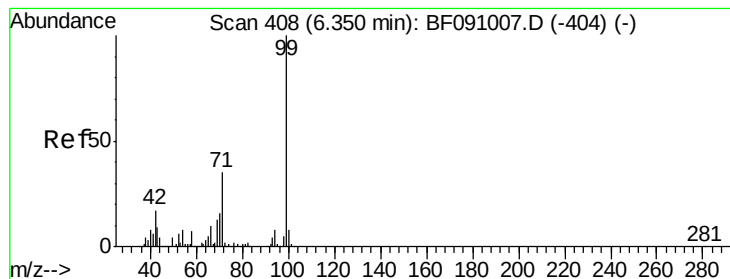


#5

2-Fluorophenol
Concen: 96.57 ng
RT: 5.26 min Scan# 313
Delta R.T. 0.01 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	55.8	83.6
63	28.2	28.0	42.0





#7

Phenol-d6

Concen: 86.22 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

Instrument :

BNA_F

ClientSampleId :

SB-111-1.0-1.5

Tot Ion: 99 Resp: 1346903

Ion Ratio Lower Upper

99 100

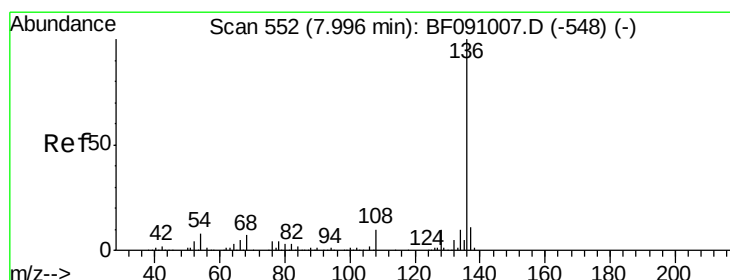
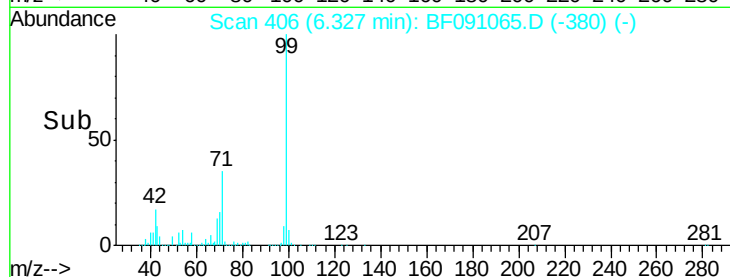
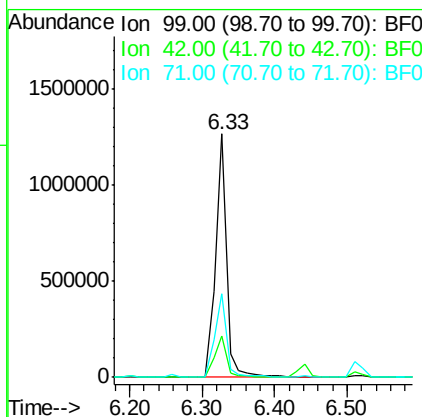
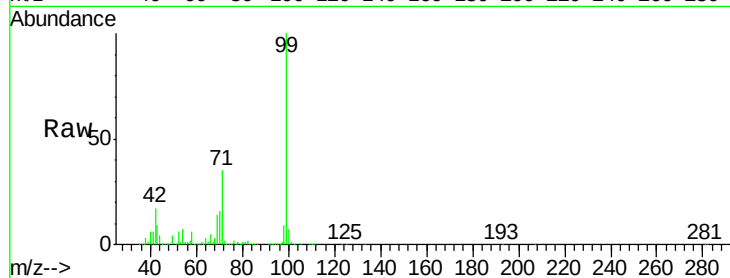
42 17.0 13.9 20.9

71 34.6 27.8 41.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

Tgt Ion: 136 Resp: 734484

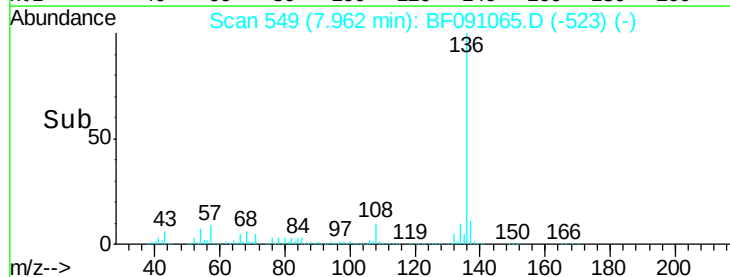
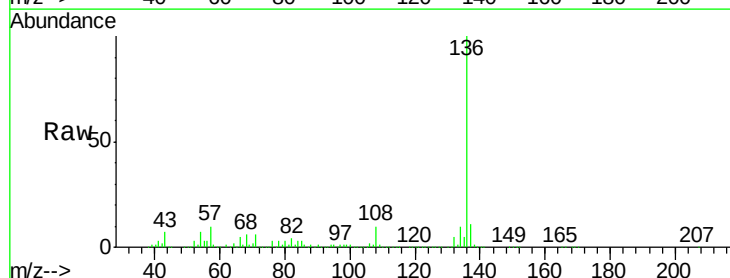
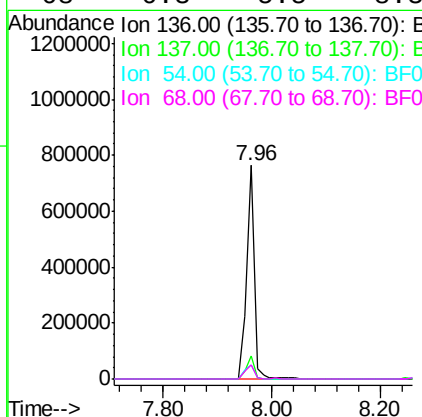
Ion Ratio Lower Upper

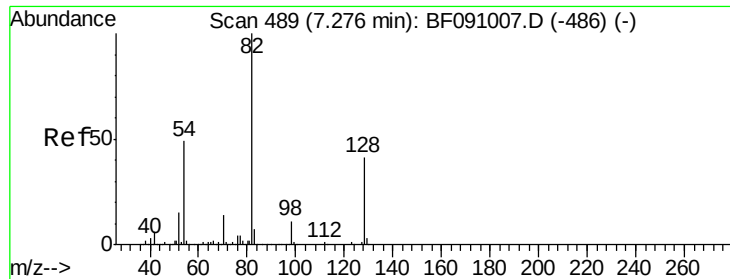
136 100

137 11.0 8.9 13.3

54 6.8 6.2 9.2

68 6.3 5.5 8.3





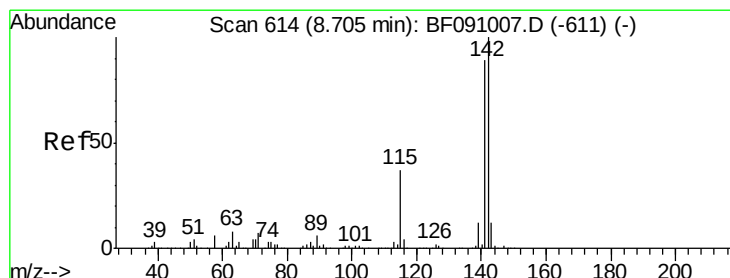
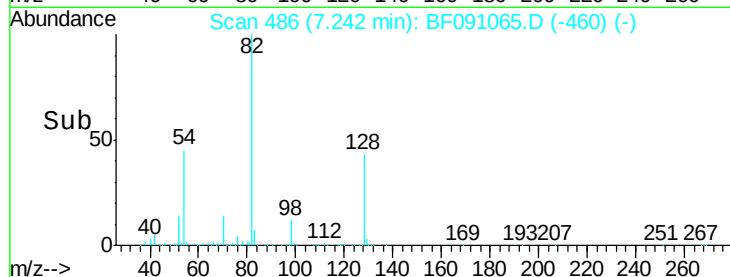
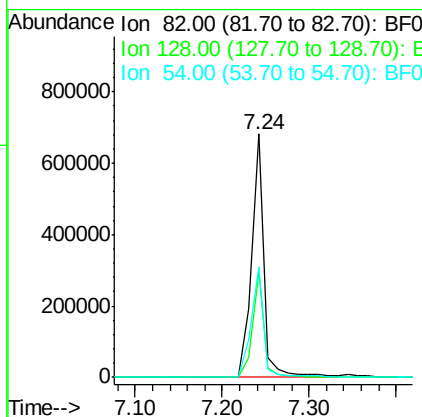
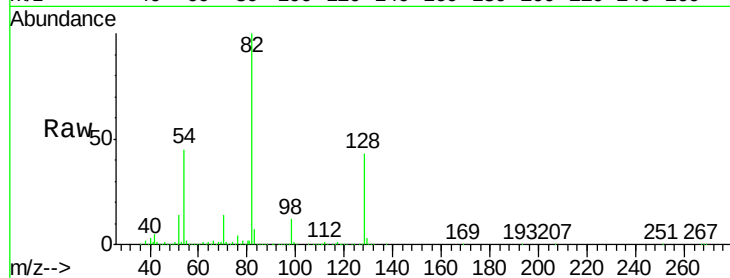
#23
 Nitrobenzene-d5
 Concen: 50.44 ng
 RT: 7.24 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF091065.D
 Acq: 7 Nov 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-111-1.0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.4	48.6
54	45.5	39.2	58.8

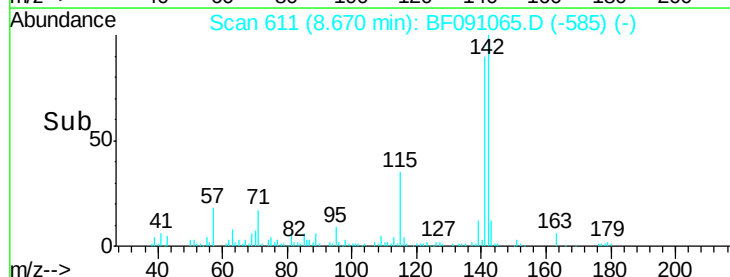
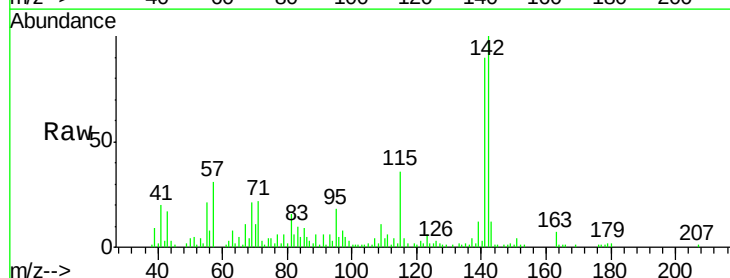
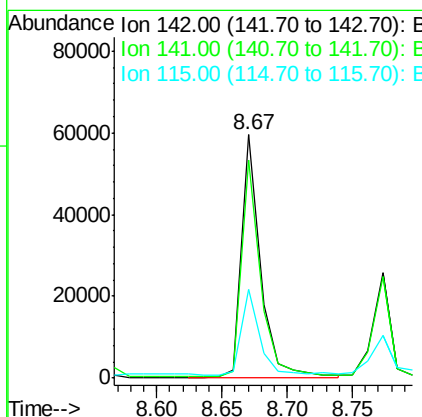
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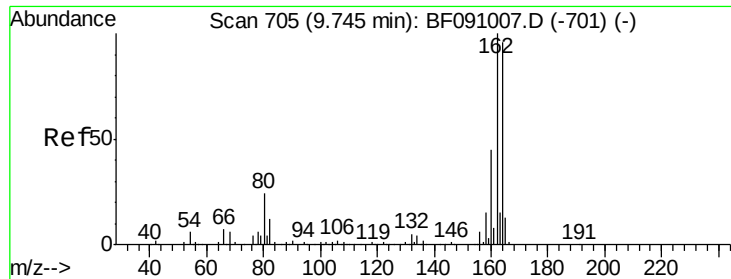
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#37
 2-Methylnaphthalene
 Concen: 2.67 ng
 RT: 8.67 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF091065.D
 Acq: 7 Nov 2016 19:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	36.2	29.9	44.9





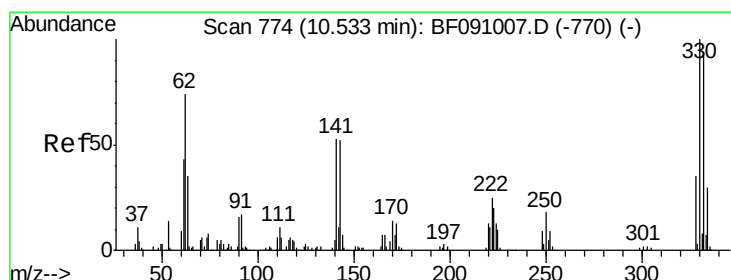
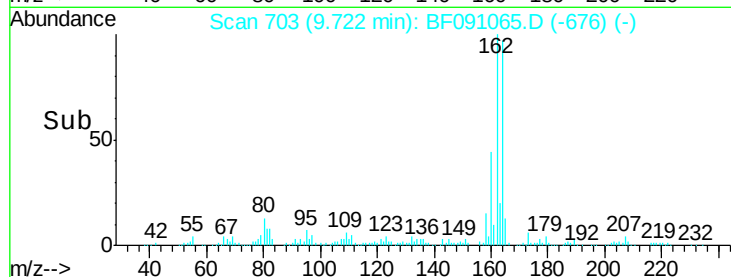
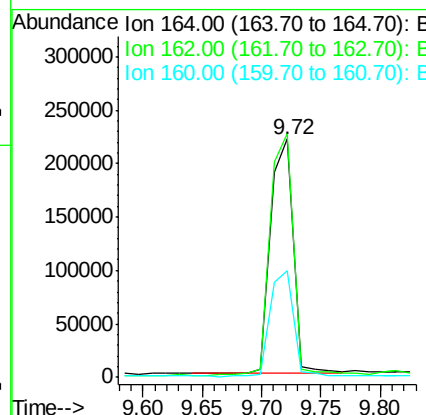
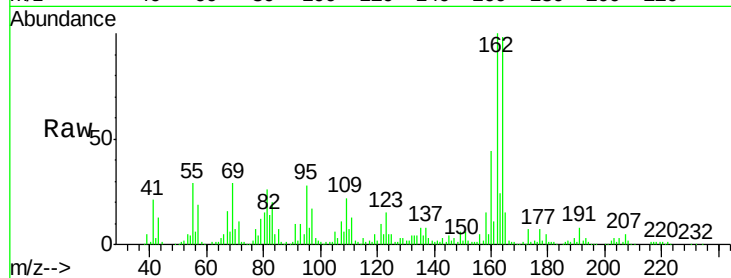
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
SB-111-1.0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
164	100	293061		
162	102.3	83.6	125.4	
160	44.8	37.9	56.9	

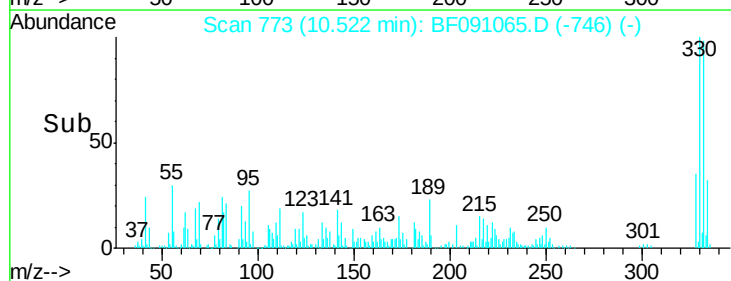
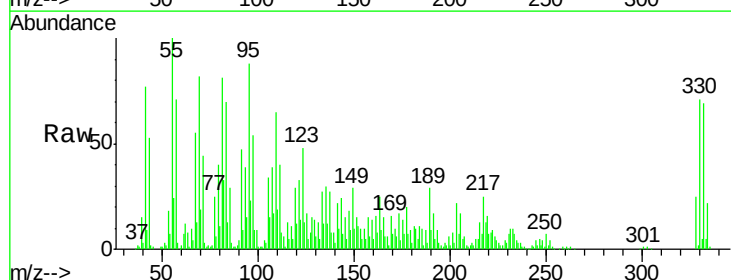
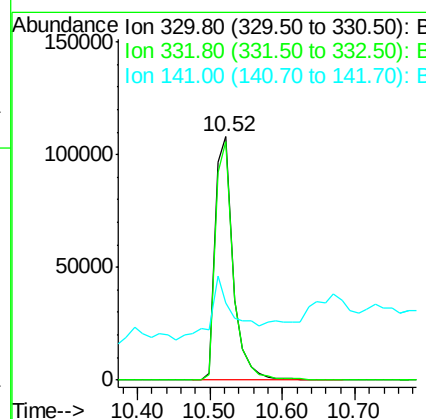
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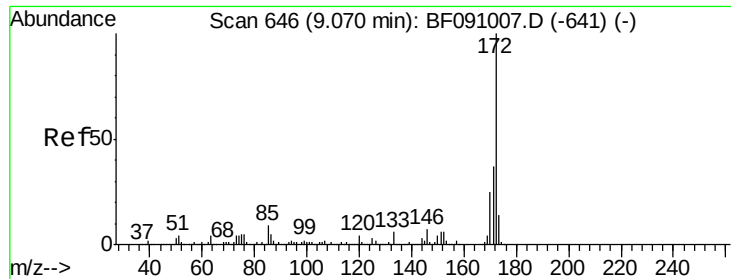
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#41
2,4,6-Tribromophenol
Concen: 70.22 ng
RT: 10.52 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	186058		
332	97.1	75.9	113.9	
141	33.2	36.1	54.1	





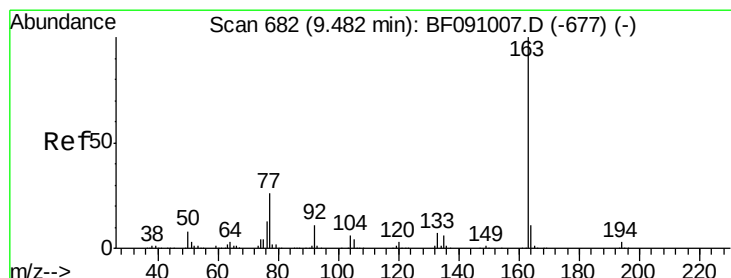
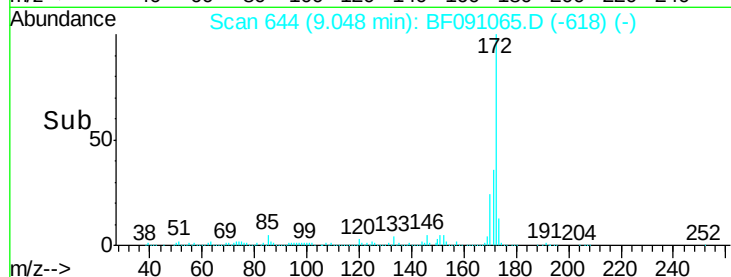
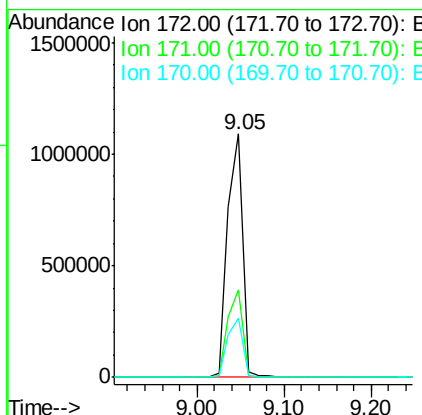
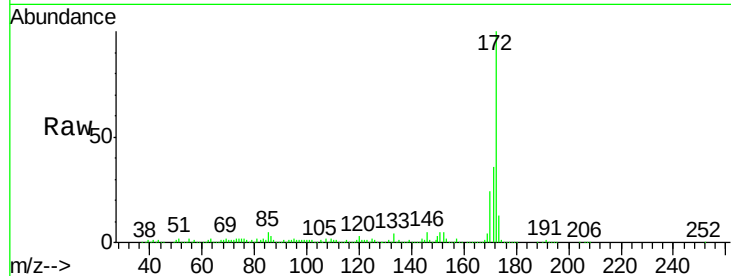
#44
2-Fluorobiphenyl
Concen: 77.64 ng
RT: 9.05 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
SB-111-1.0-1.5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.8	44.6
170	24.3	20.3	30.5

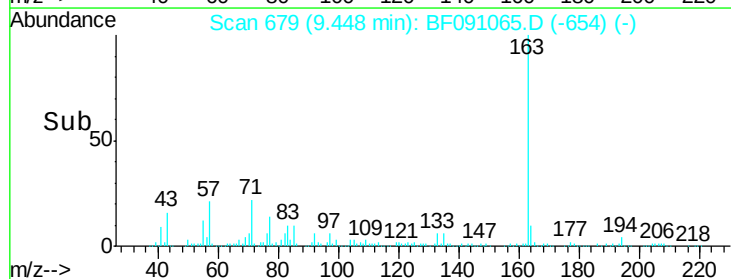
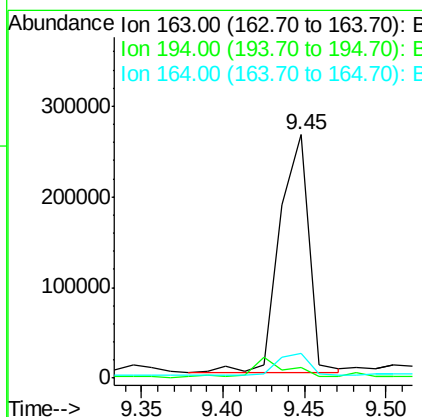
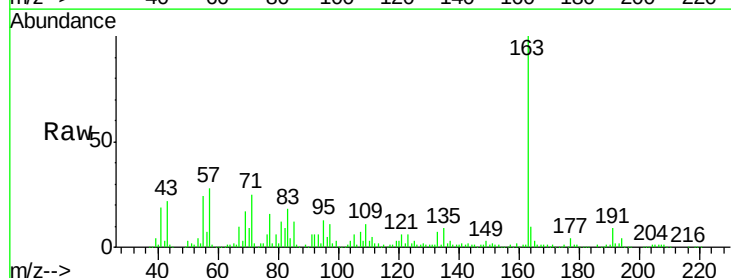
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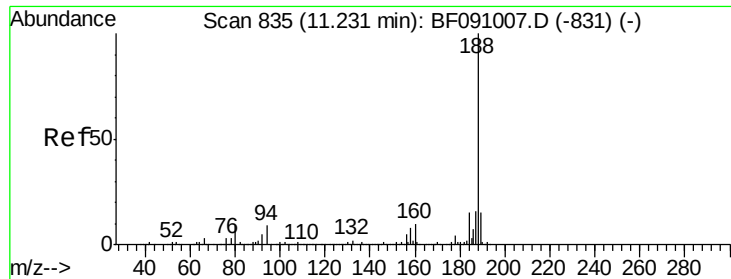
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#49
Dimethylphthalate
Concen: 16.87 ng
RT: 9.45 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.6	4.0#
164	10.2	8.7	13.1





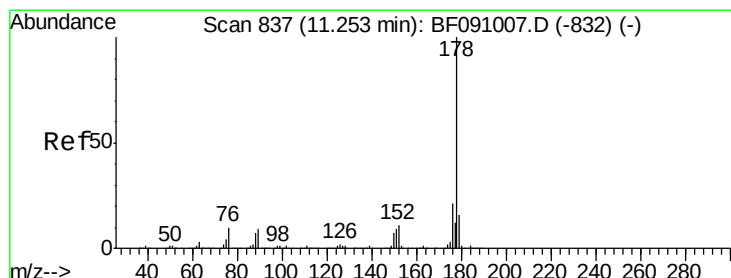
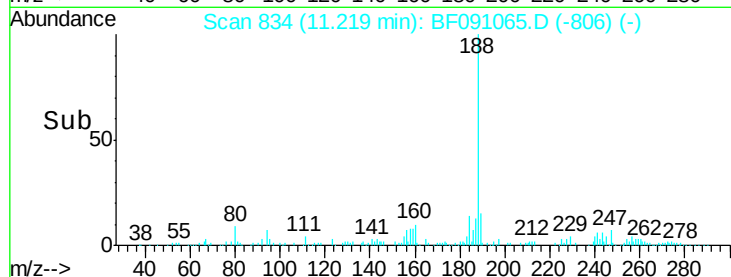
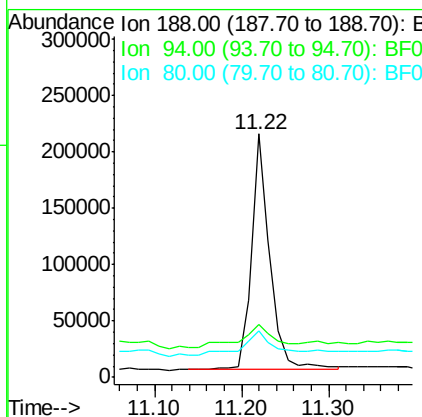
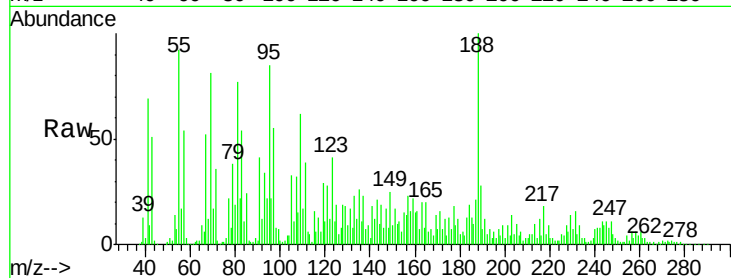
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. 0.02 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
SB-111-1.0-1.5

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	21.6	7.0	10.4#
80	19.0	7.5	11.3#

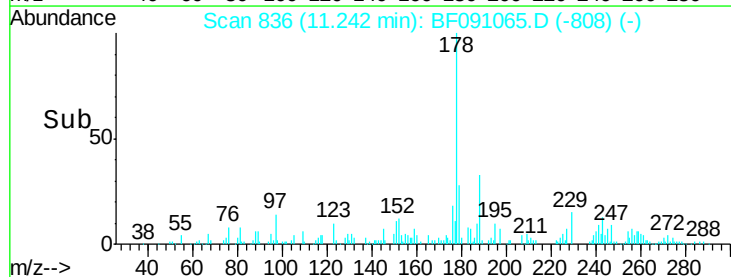
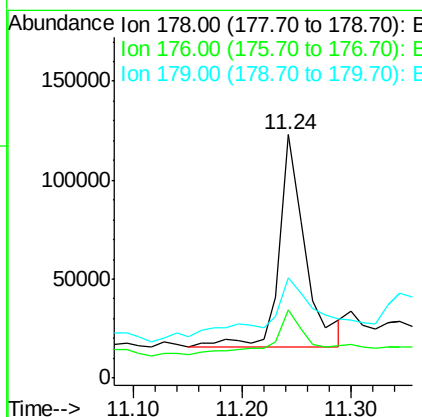
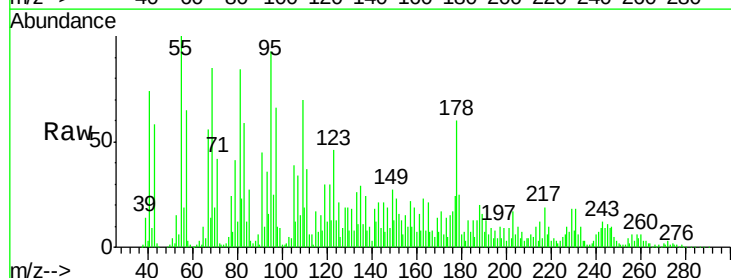
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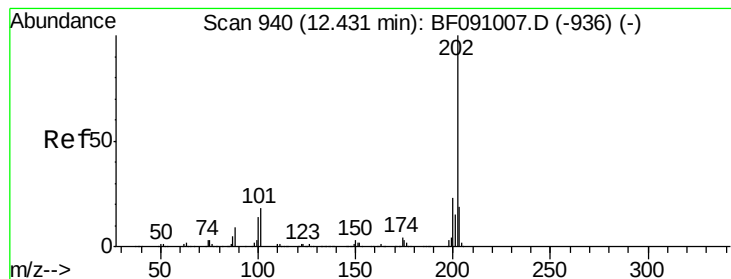
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#70
Phenanthrene
Concen: 10.81 ng
RT: 11.24 min Scan# 836
Delta R.T. 0.02 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	27.9	16.6	25.0#
179	41.1	12.9	19.3#





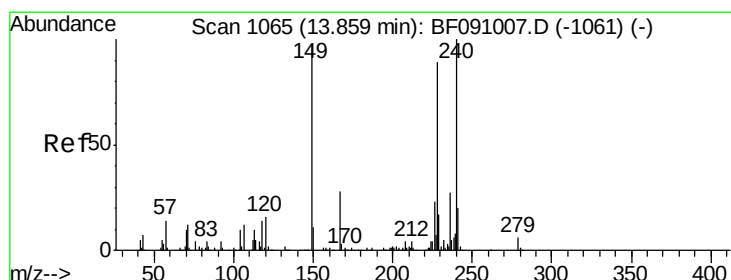
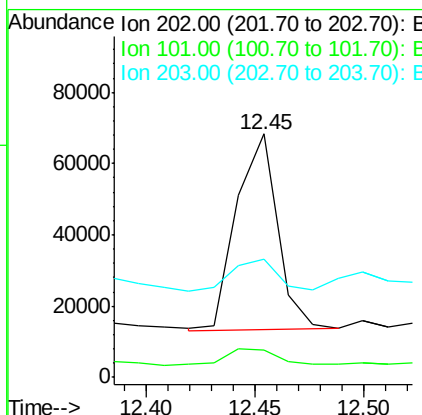
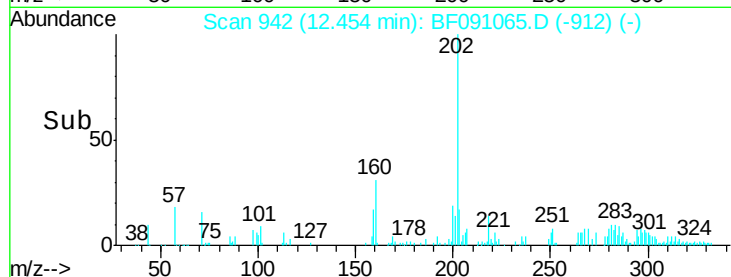
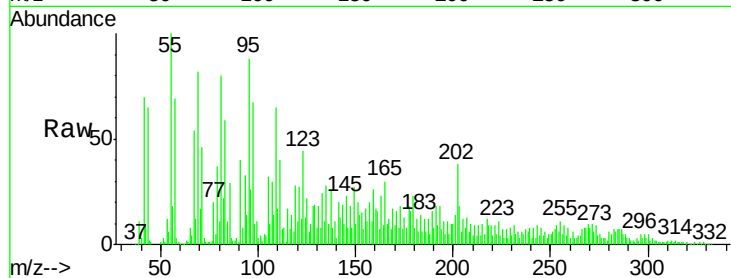
#74
 Fluoranthene
 Concen: 4.22 ng
 RT: 12.45 min Scan# 942
 Delta R.T. 0.05 min
 Lab File: BF091065.D
 Acq: 7 Nov 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-111-1.0-1.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	37.6
203	48.5	0.0	38.6

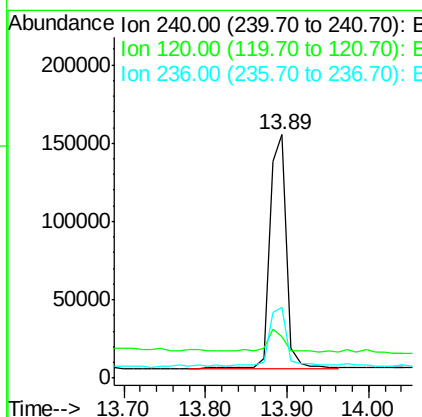
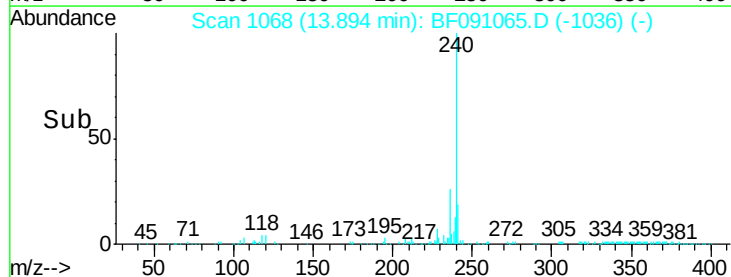
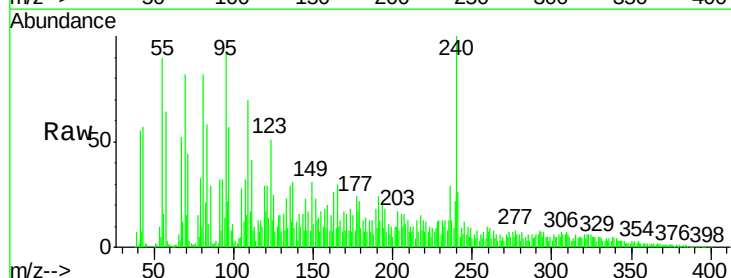
Manual Integrations
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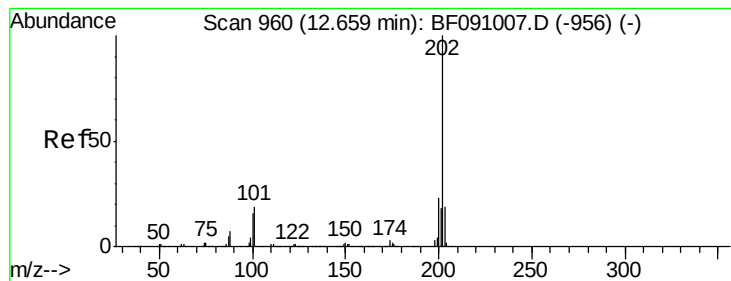
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1068
 Delta R.T. 0.07 min
 Lab File: BF091065.D
 Acq: 7 Nov 2016 19:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.7	12.9	19.3
236	29.3	21.9	32.9





#77

Pvrene

Concen: 5.45 ng

RT: 12.68 min Scan# 962

Delta R.T. 0.06 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

Instrument :

BNA_F

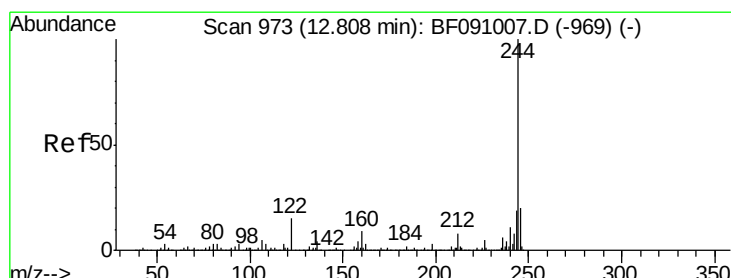
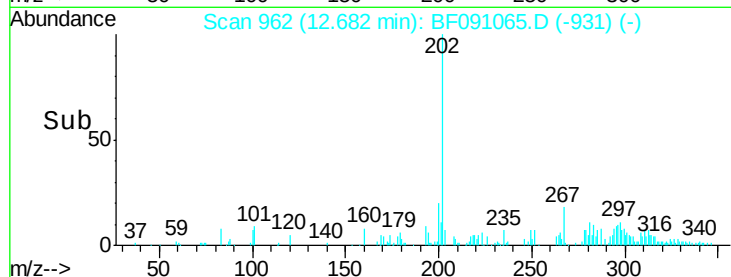
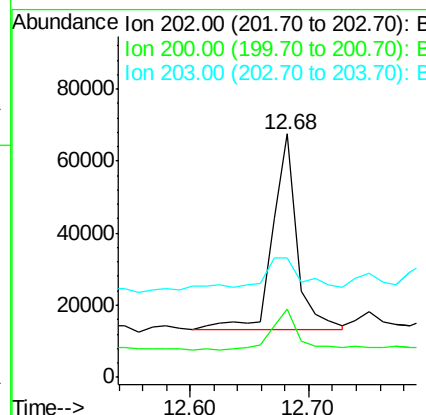
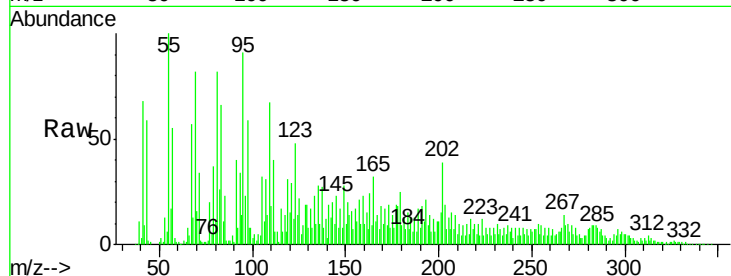
ClientSampleId :

SB-111-1.0-1.5

Tot Ion:	202	Resp:	77726
Ion Ratio	Lower	Upper	
202	100		
200	27.8	18.4	27.6#
203	49.3	15.0	22.6#

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#78

Terphenyl-d14

Concen: 51.76 ng

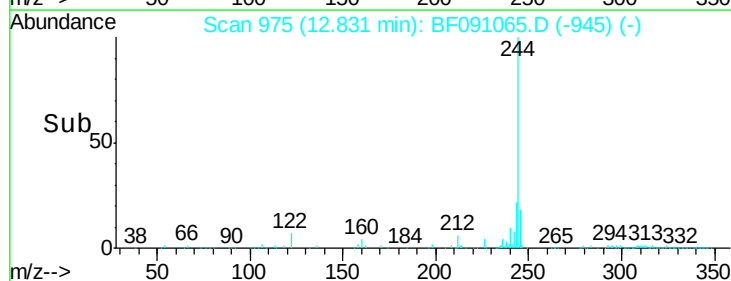
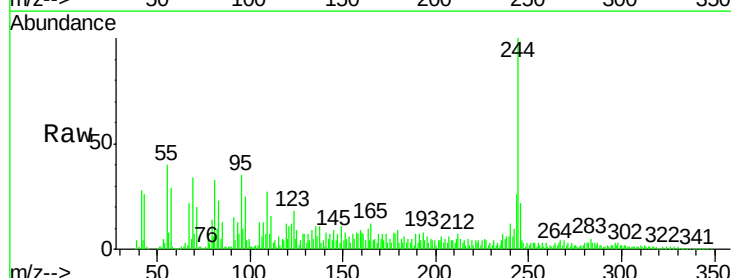
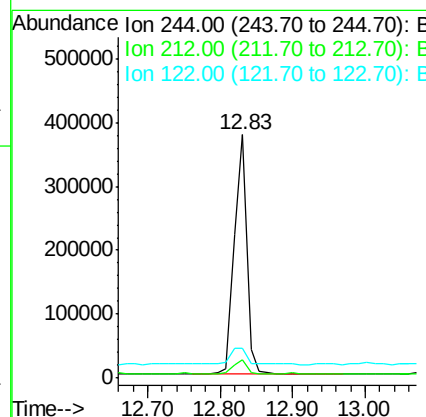
RT: 12.83 min Scan# 975

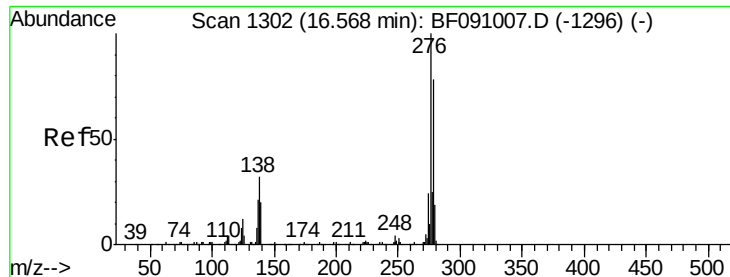
Delta R.T. 0.05 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

Tgt Ion:	244	Resp:	451541
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.4	9.6
122	12.2	12.3	18.5#





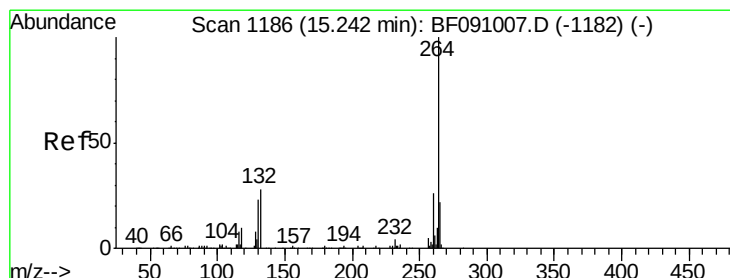
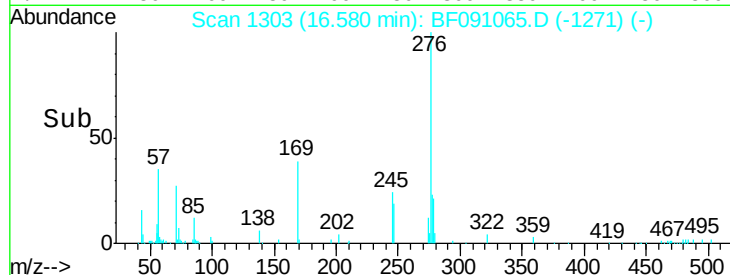
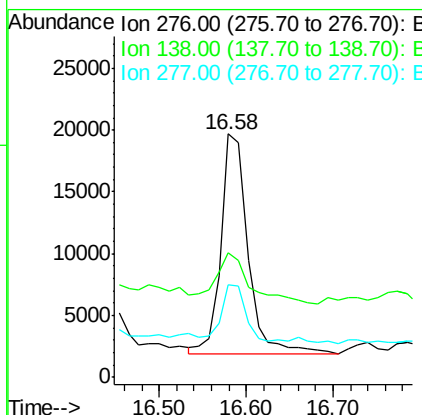
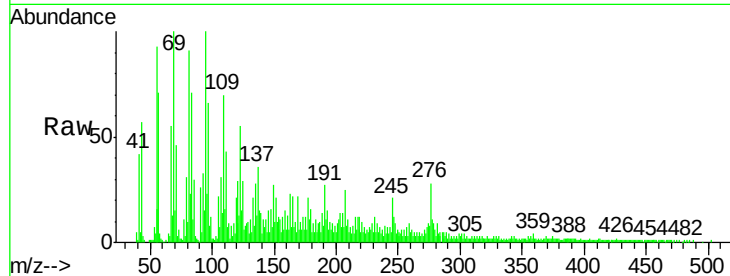
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.80 ng
RT: 16.58 min Scan# 1303
Delta R.T. 0.07 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
SB-111-1.0-1.5

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	26.0	39.0
277	22.5	20.1	30.1

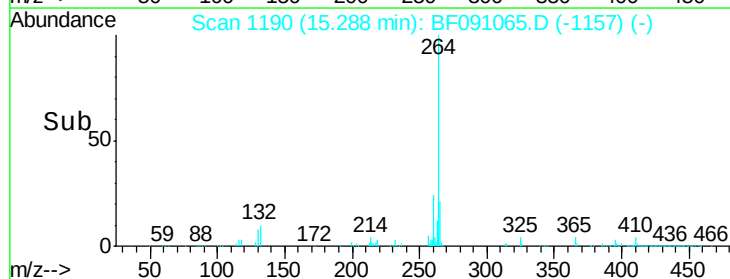
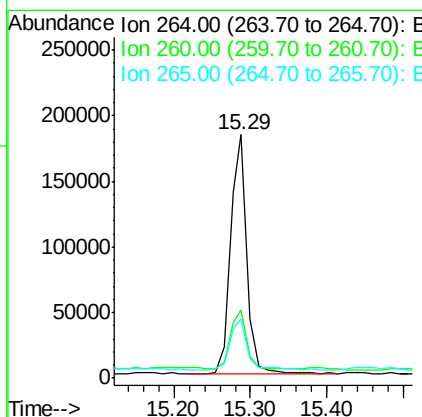
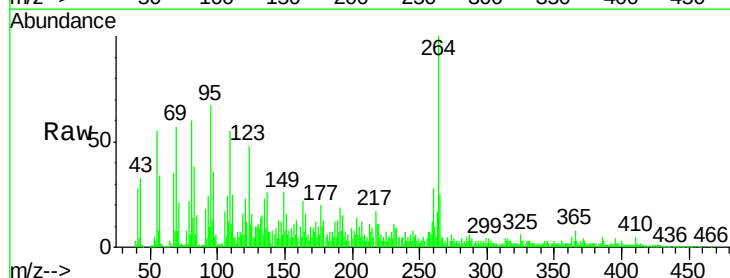
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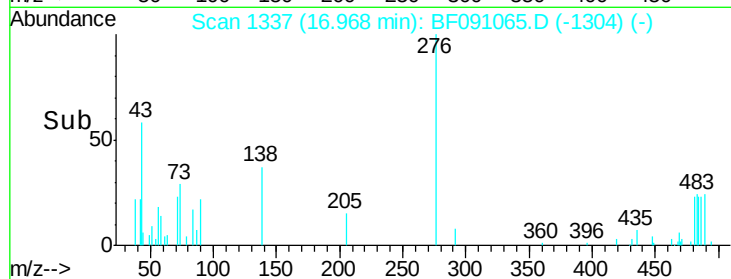
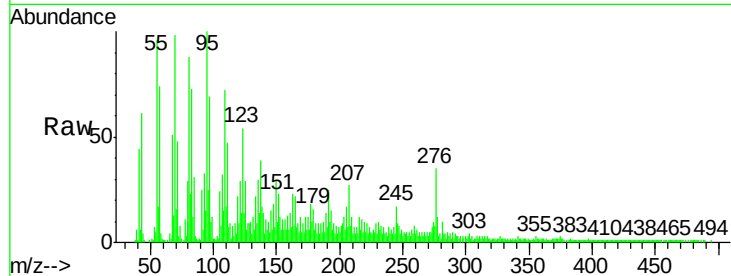
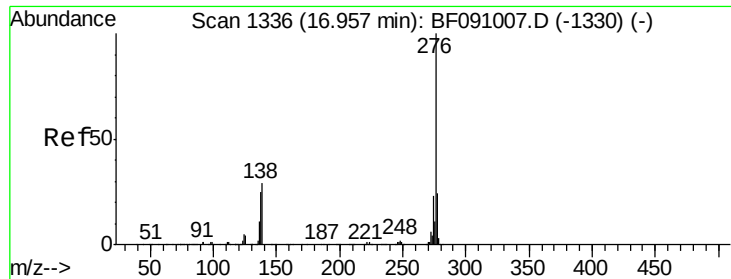
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1190
Delta R.T. 0.08 min
Lab File: BF091065.D
Acq: 7 Nov 2016 19:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.6	30.8
265	24.6	17.8	26.8





#91

Benzo(a,h,i)perylene

Concen: 3.23 ng

RT: 16.97 min Scan# 1337

Delta R.T. 0.08 min

Lab File: BF091065.D

Acq: 7 Nov 2016 19:28

Instrument :

BNA_F

ClientSampleId :

SB-111-1.0-1.5

Tot Ion: 276 Resp: 40343

Ion Ratio Lower Upper

276 100

277 34.9 19.2 28.8#

138 48.7 23.3 34.9#

Manual Integrations

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