

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091347.D
 Acq On : 30 Nov 2016 11:55
 Operator : UM/SJ
 Sample : H5749-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-2

Manual Integrations
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Quant Time: Nov 30 17:54:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173235m	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	726633	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	395094	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	701758	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	512992	20.00	ng	-0.03
86) Perylene-d12	15.44	264	393854	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1363095	128.54	ng	0.00
7) Phenol-d6	6.49	99	1570992	120.35	ng	0.00
23) Nitrobenzene-d5	7.43	82	1251684	96.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	473971	126.72	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2015094	92.35	ng	-0.02
78) Terphenyl-d14	12.97	244	2119189	89.79	ng	-0.02
Target Compounds						
76) Benzidine	12.71	184	47949	3.18	ng	Qvalue 98

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

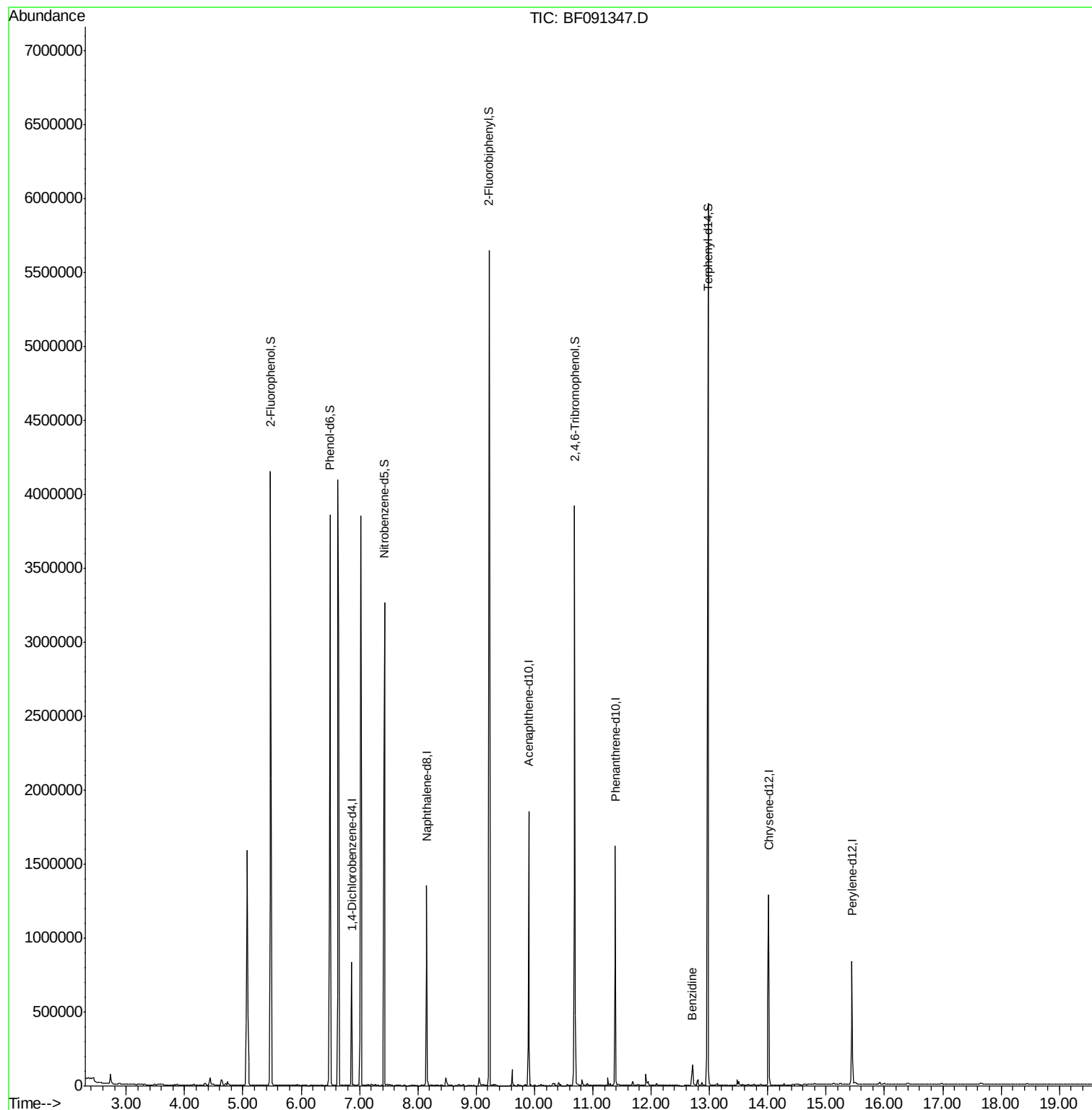
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091347.D
Acq On : 30 Nov 2016 11:55
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ALS Vial : 28 Sample Multiplier: 1

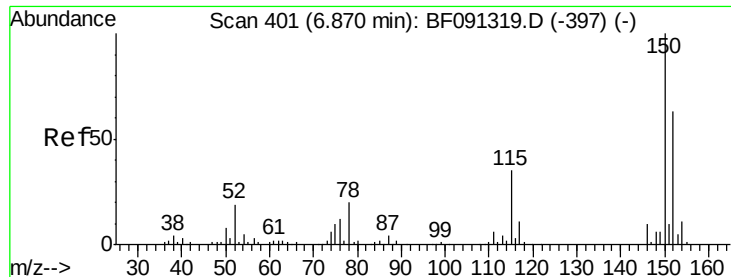
Instrument :
BNA_F
ClientSampleId :
GRID-MM4-2

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#1

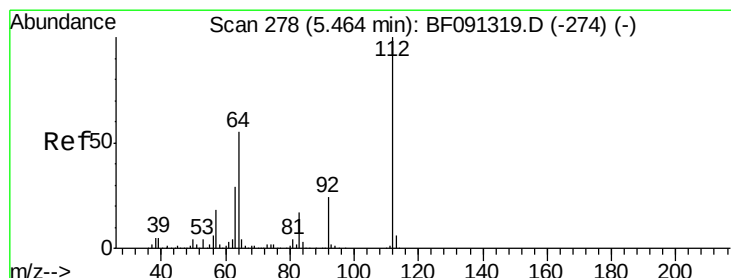
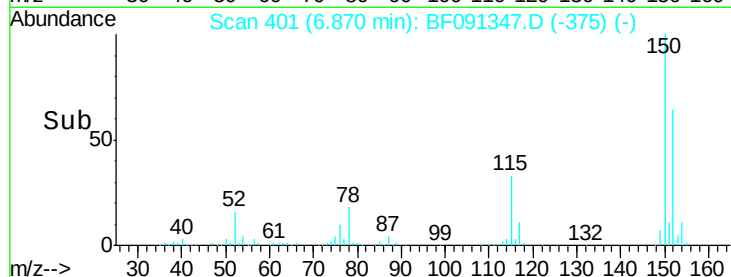
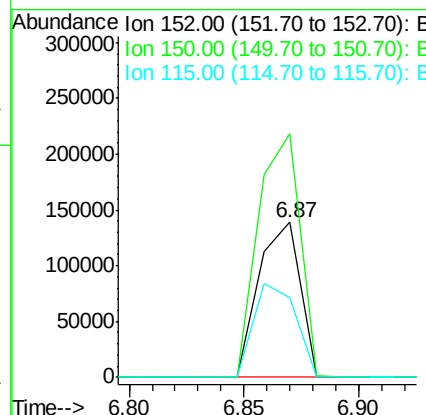
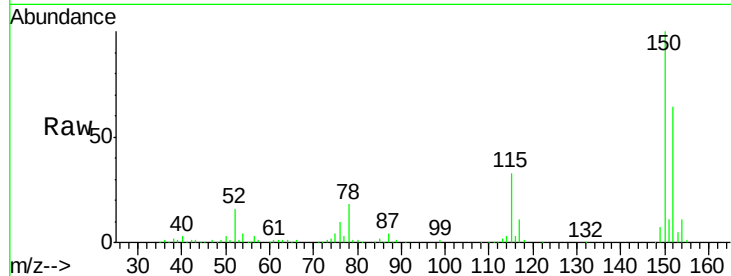
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091347.D
Acq: 30 Nov 2016 11:55

Instrument :
BNA_F
ClientSampled :
GRID-MM4-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.5	183.7
115	51.4	51.8	77.8

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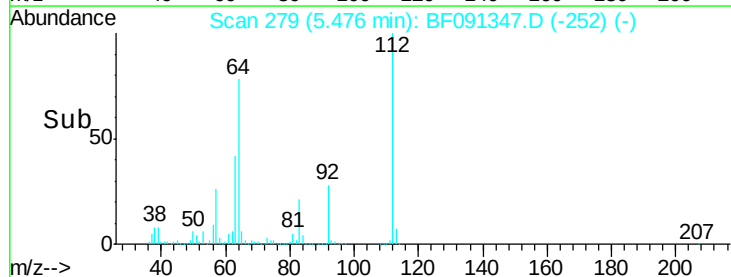
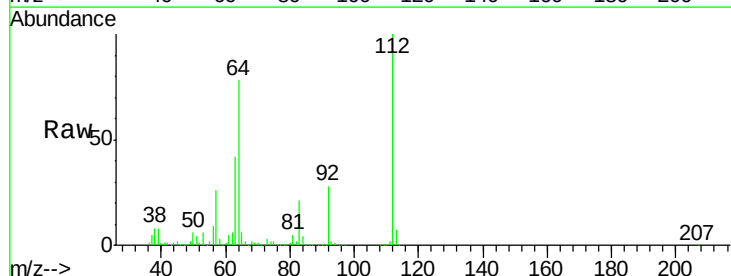
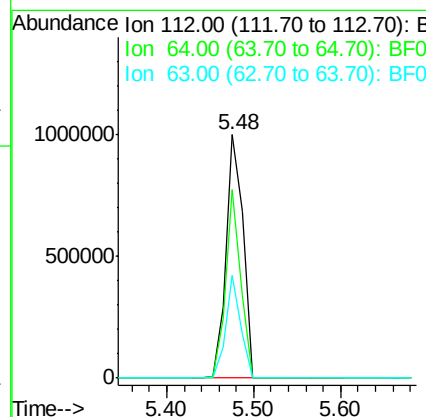
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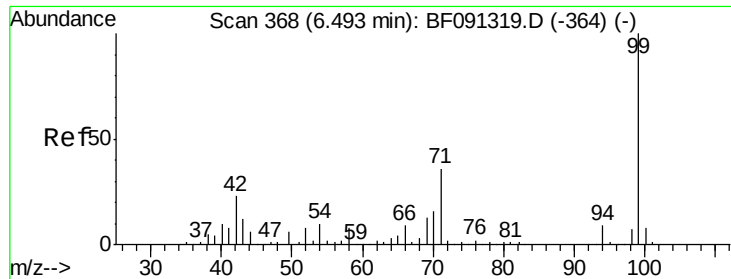


#5

2-Fluorophenol
Concen: 128.54 ng
RT: 5.48 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF091347.D
Acq: 30 Nov 2016 11:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.5	61.5	92.3
63	42.1	33.3	49.9





#7

Phenol-d6

Concen: 120.35 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091347.D

Acq: 30 Nov 2016 11:55

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-2

Tot Ion: 99 Resp: 1570992

Ion Ratio Lower Upper

99 100

42 25.1 20.6 31.0

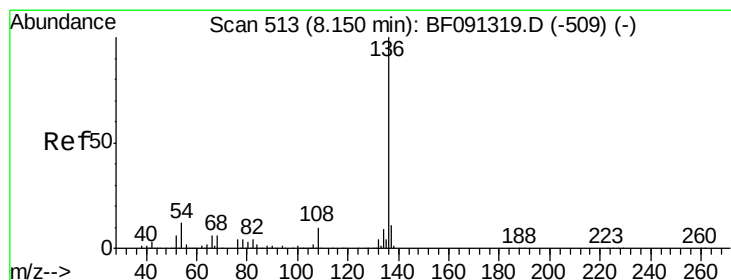
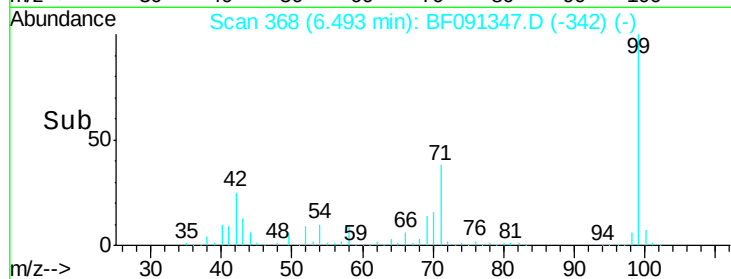
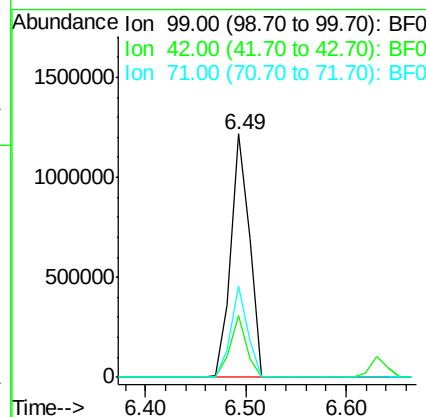
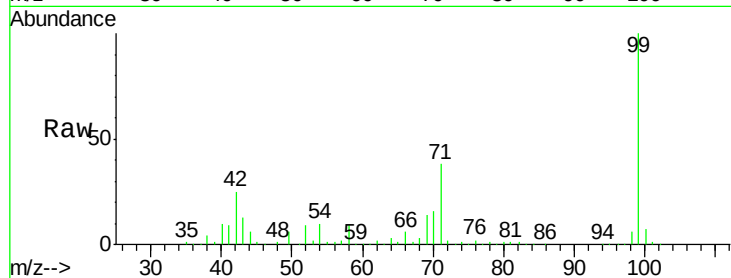
71 37.7 29.9 44.9

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091347.D

Acq: 30 Nov 2016 11:55

Tgt Ion: 136 Resp: 726633

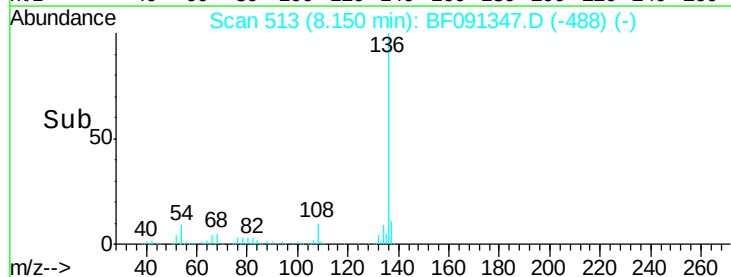
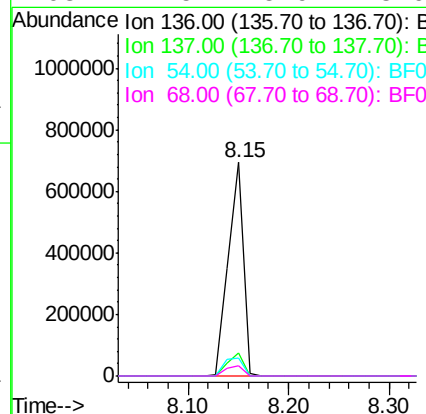
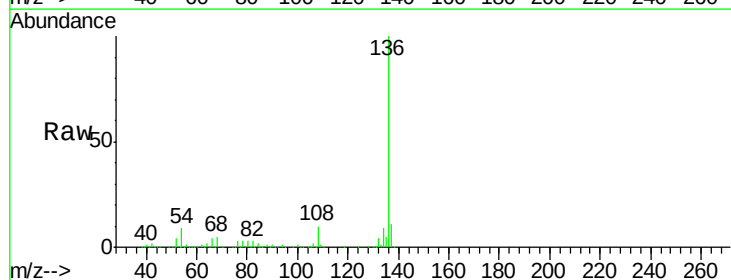
Ion Ratio Lower Upper

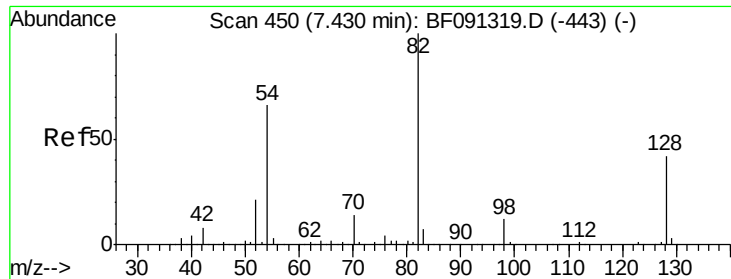
136 100

137 10.5 9.1 13.7

54 8.6 9.1 13.7#

68 4.5 5.9 8.9#





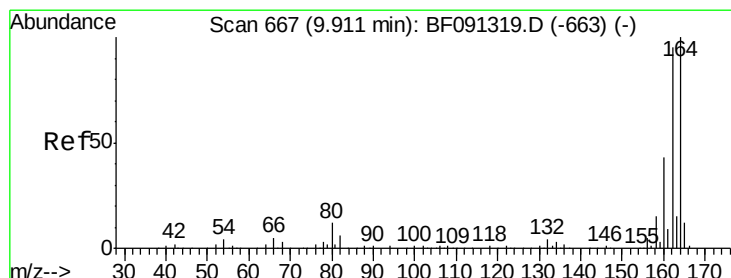
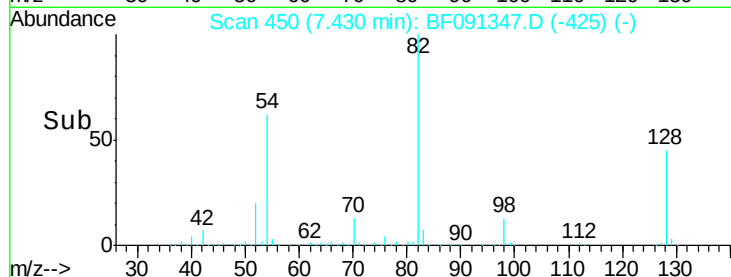
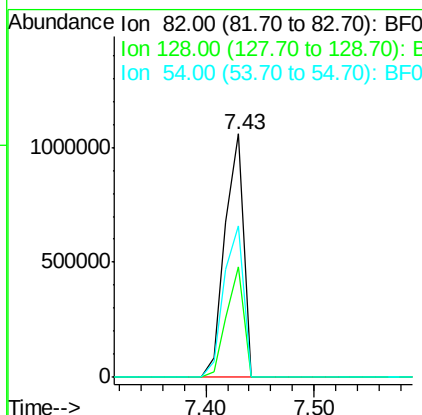
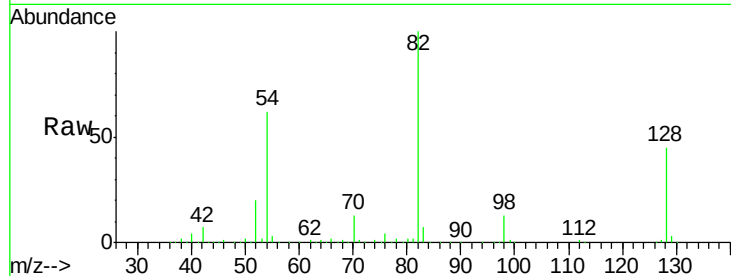
#23
Nitrobenzene-d5
Concen: 96.53 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091347.D
Acq: 30 Nov 2016 11:55

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-2

Tot Ion	82	Resp	1251684
Ion Ratio	100	Lower	Upper
82	100		
128	45.3	31.8	47.6
54	62.0	49.1	73.7

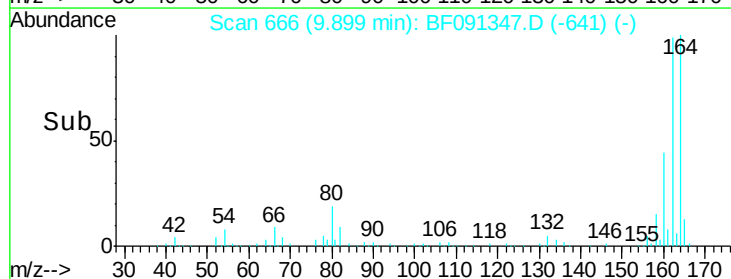
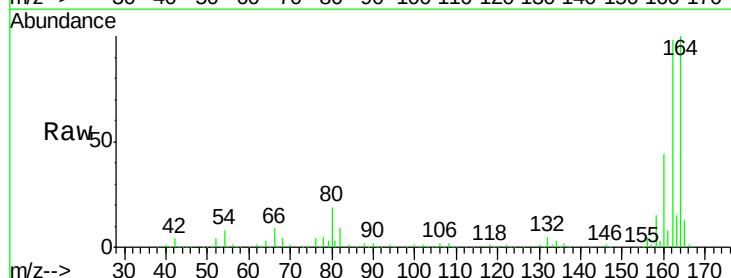
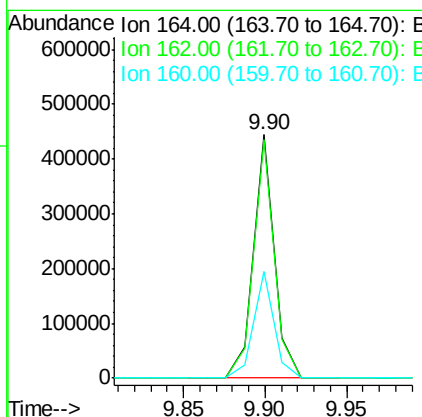
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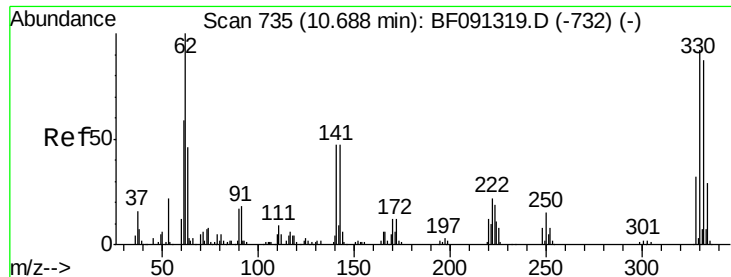
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091347.D
Acq: 30 Nov 2016 11:55

Tgt Ion	164	Resp	395094
Ion Ratio	100	Lower	Upper
164	100		
162	97.7	82.6	124.0
160	44.0	36.7	55.1





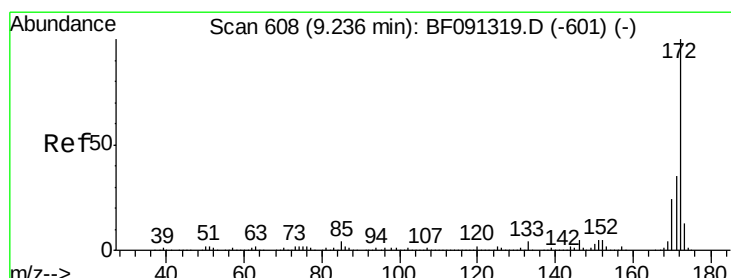
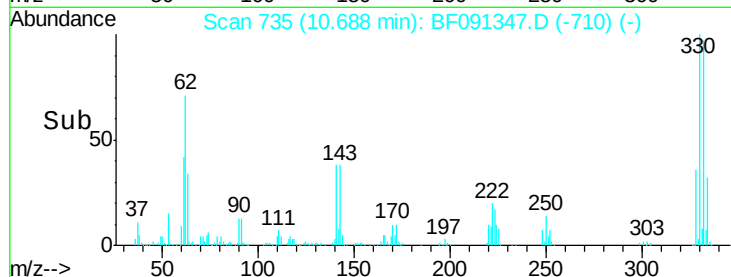
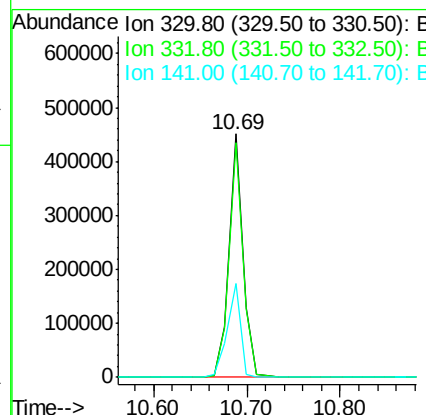
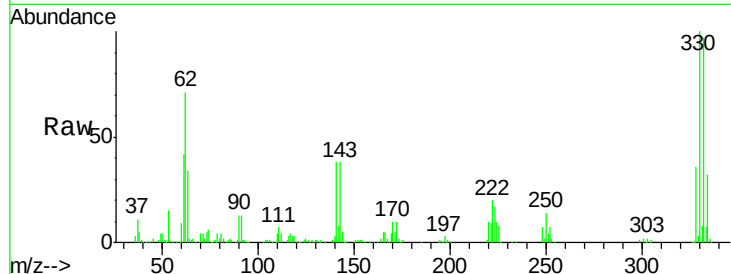
#41
 2,4,6-Tribromophenol
 Concen: 126.72 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091347.D
 Acq: 30 Nov 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	36.4	33.6	50.4

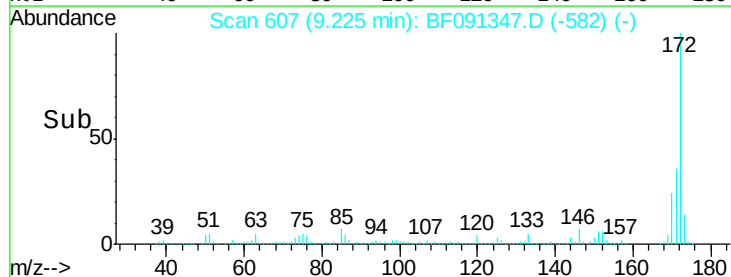
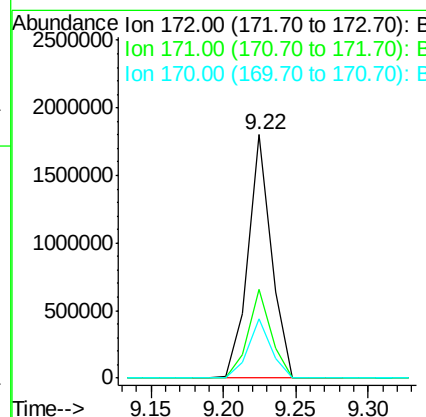
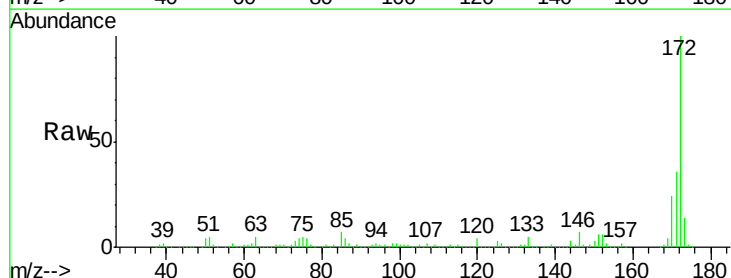
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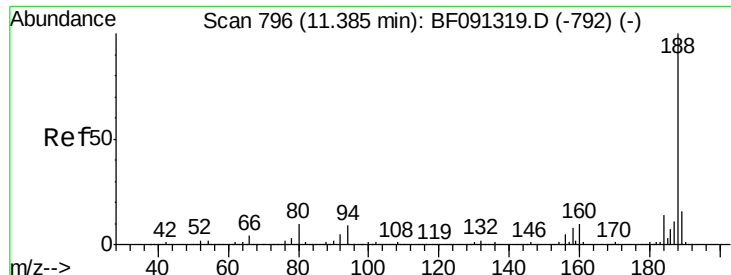
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#44
 2-Fluorobiphenyl
 Concen: 92.35 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091347.D
 Acq: 30 Nov 2016 11:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	19.7	29.5





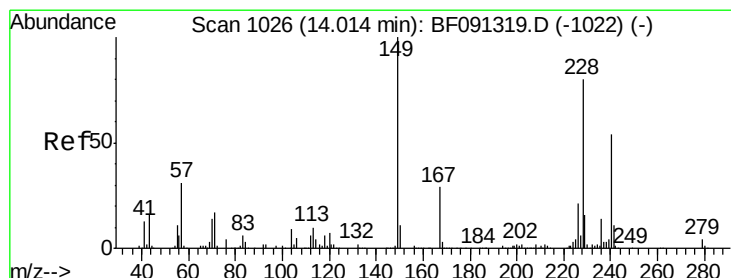
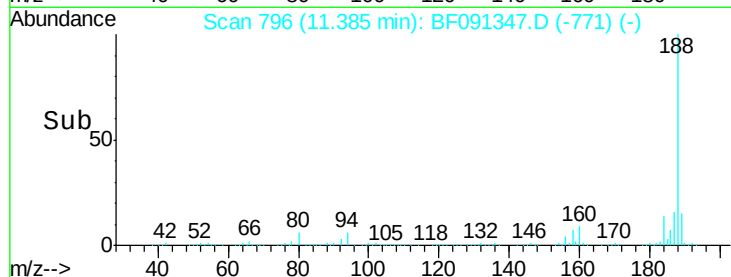
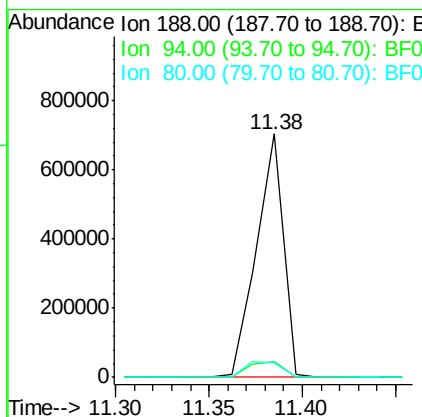
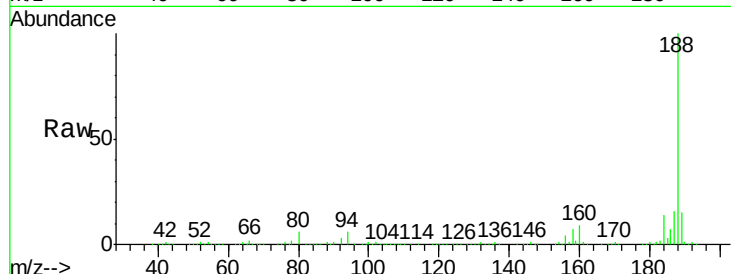
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091347.D
Acq: 30 Nov 2016 11:55

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.2	9.2	13.8#
80	6.2	10.5	15.7#

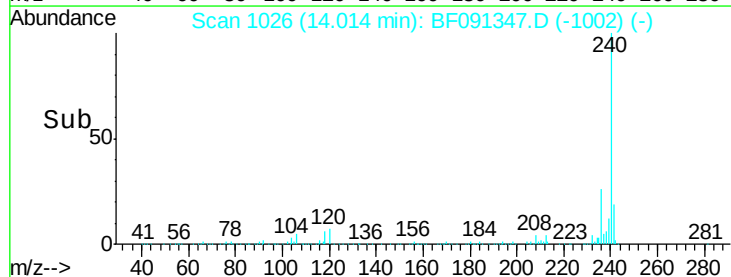
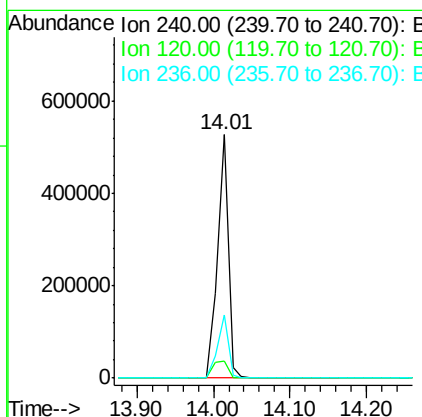
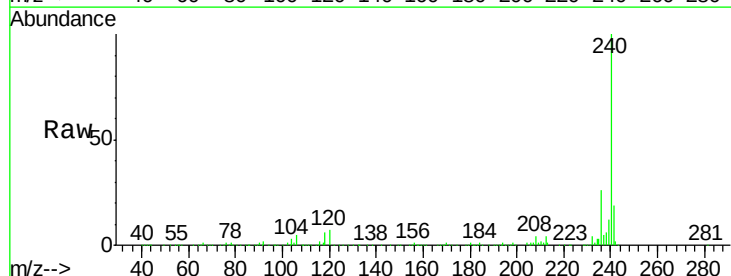
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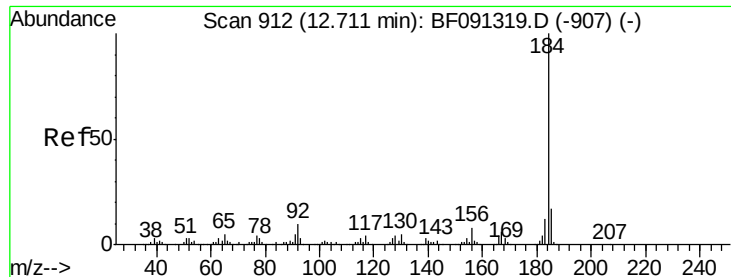
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091347.D
Acq: 30 Nov 2016 11:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.1	12.1	18.1#
236	25.9	21.0	31.6





#76

Benzidine

Concen: 3.18 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091347.D

Acq: 30 Nov 2016 11:55

Instrument :

BNA_F

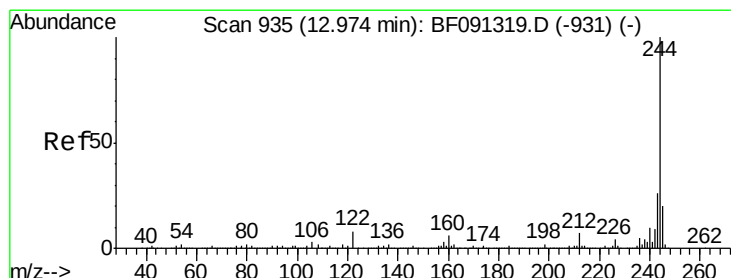
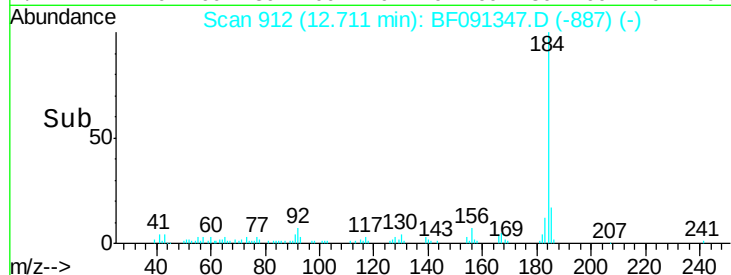
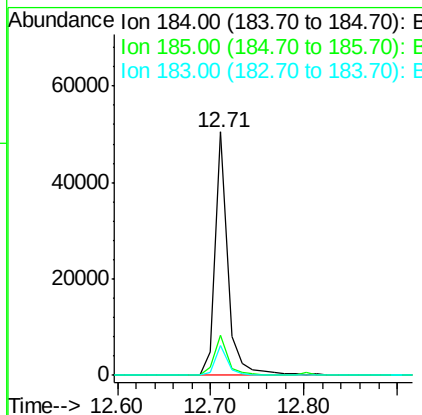
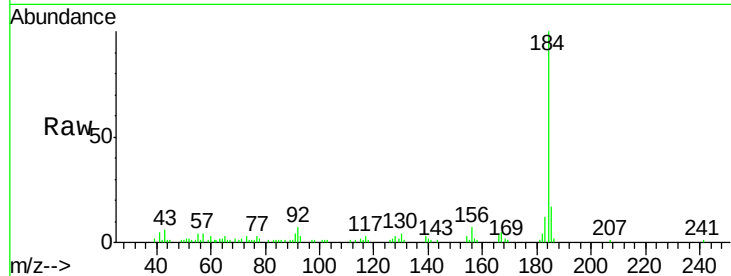
ClientSampleId :

GRID-MM4-2

Tot Ion:	184	Resp:	47949
Ion Ratio	Lower	Upper	
184	100		
185	16.7	13.1	19.7
183	12.3	8.9	13.3

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#78

Terphenyl-d14

Concen: 89.79 ng

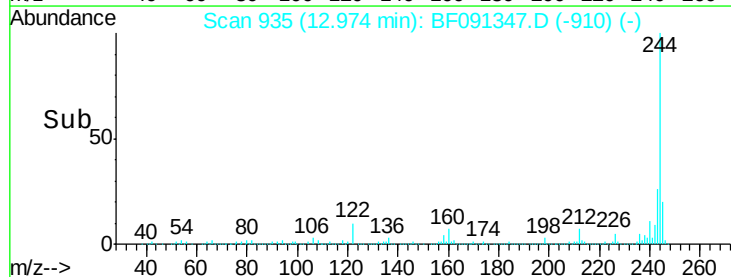
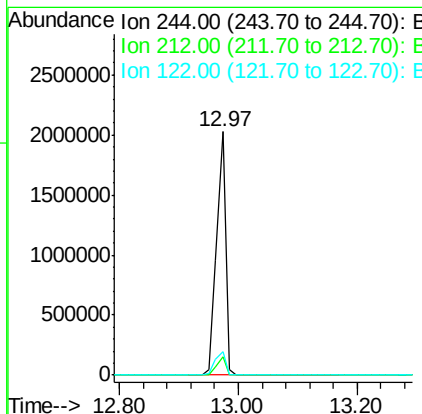
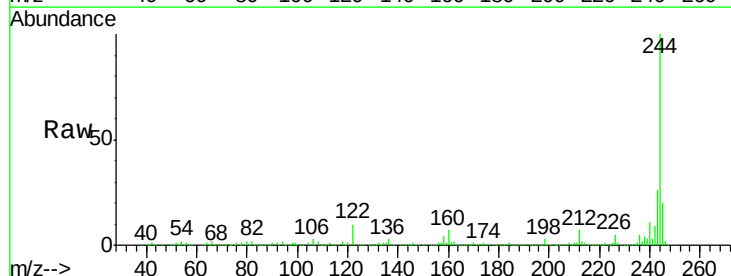
RT: 12.97 min Scan# 935

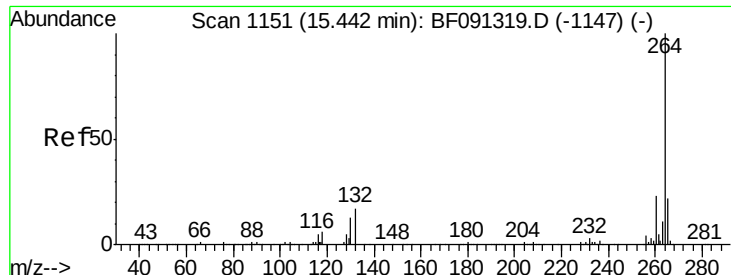
Delta R.T. -0.02 min

Lab File: BF091347.D

Acq: 30 Nov 2016 11:55

Tgt Ion:	244	Resp:	2119189
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.5	9.7
122	9.5	9.5	14.3#





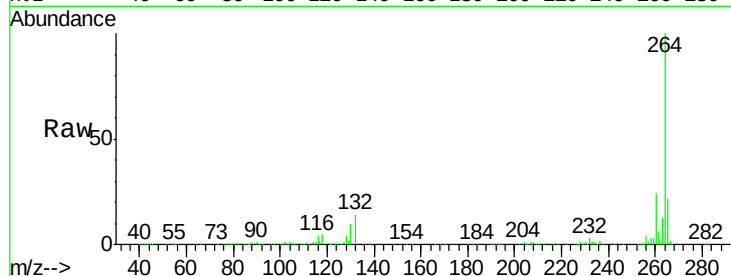
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091347.D
Acq: 30 Nov 2016 11:55

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-2

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.5	18.8	28.2	
265	21.6	17.0	25.6	

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Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

