

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091424.D
 Acq On : 5 Dec 2016 18:09
 Operator : UM/SJ
 Sample : H5838-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Manual Integrations
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Quant Time: Dec 06 00:30:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147224	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	610782	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	301879	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	538702	20.00	ng	0.00
75) Chrysene-d12	14.00	240	479183	20.00	ng	0.00
86) Perylene-d12	15.42	264	356716	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	615893	68.34	ng	0.00
7) Phenol-d6	6.47	99	457961	41.28	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1169431	107.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	433870	151.81	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1781545	106.86	ng	0.00
78) Terphenyl-d14	12.96	244	2080038	94.35	ng	0.00
Target Compounds						
48) Acenaphthylene	9.75	152	93534	3.68	ng	# 88
51) Acenaphthene	9.92	154	559861	32.62	ng	98
54) Dibenzofuran	10.09	168	168442	7.33	ng	# 87
57) Fluorene	10.44	166	542649m	30.75	ng	
71) Anthracene	11.44	178	70862	2.55	ng	97
74) Fluoranthene	12.57	202	81991	3.09	ng	98
77) Pyrene	12.80	202	107561	2.96	ng	99

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

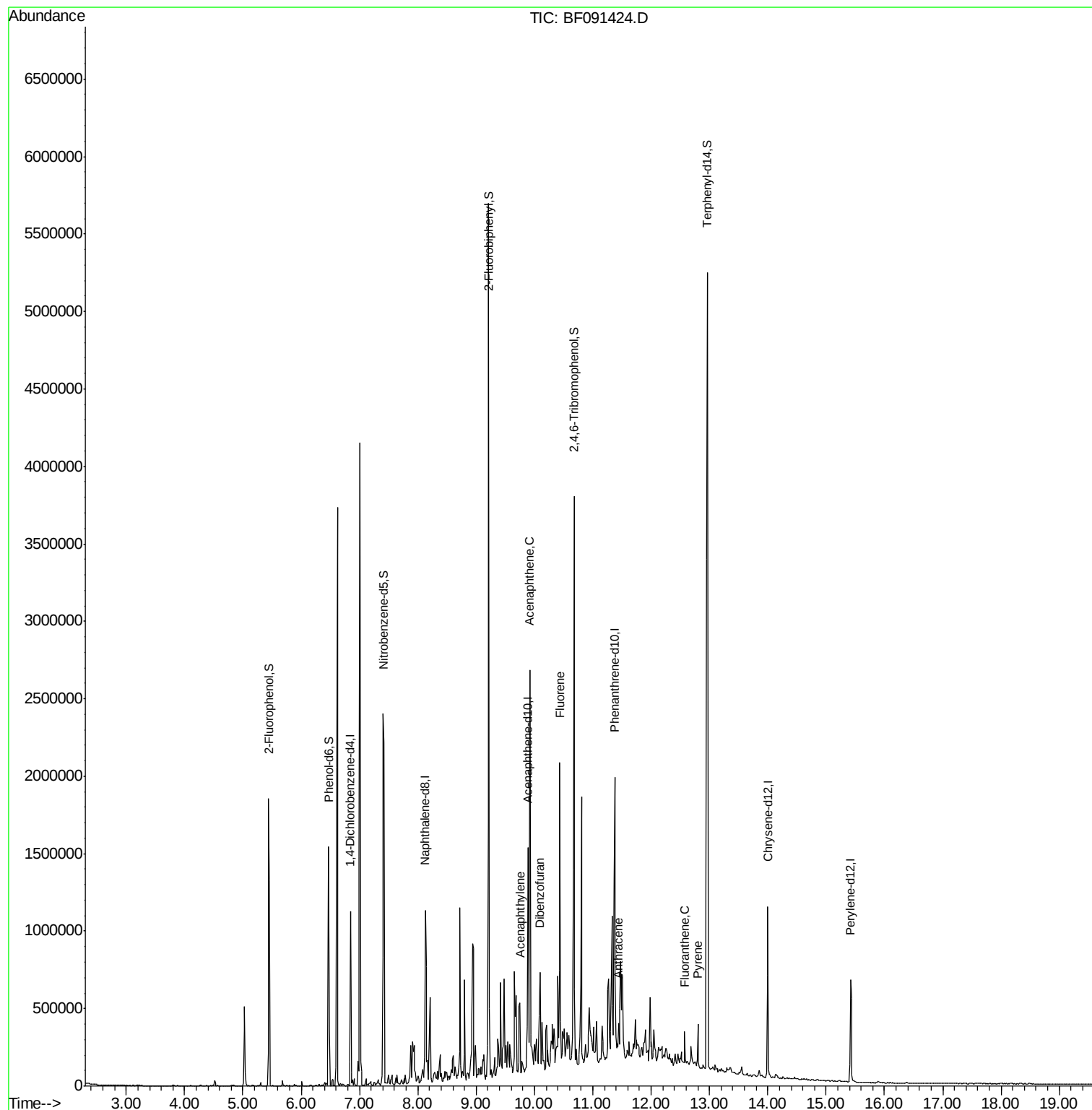
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091424.D
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ALS Vial : 8 Sample Multiplier: 1

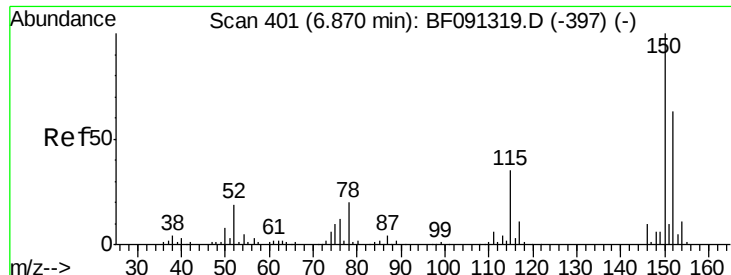
Instrument :
BNA_F
ClientSampleId :
MW-9

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Quant Time: Dec 06 00:30:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration





#1

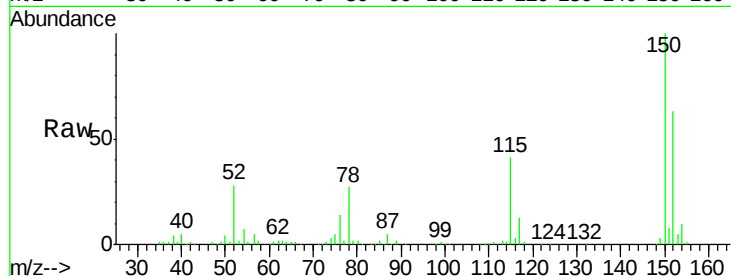
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampled :
MW-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.5	183.7
115	64.3	51.8	77.8

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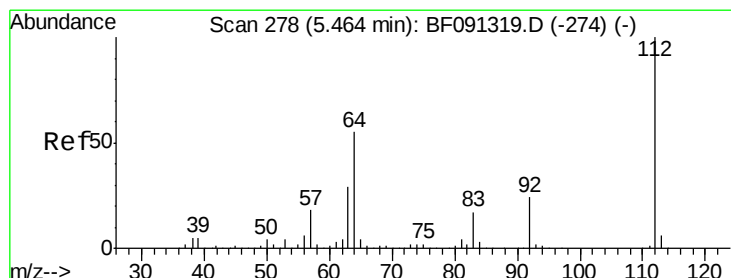
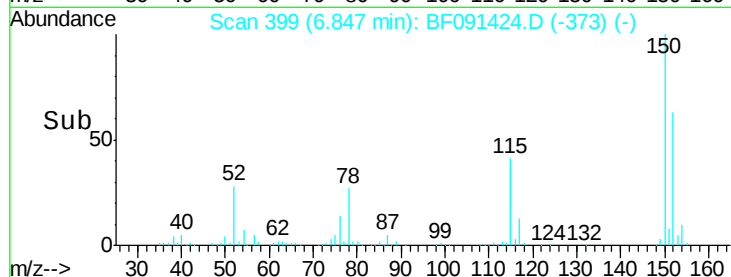
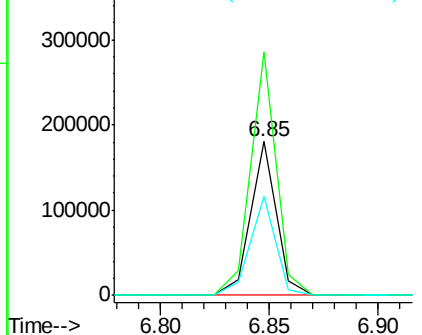


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

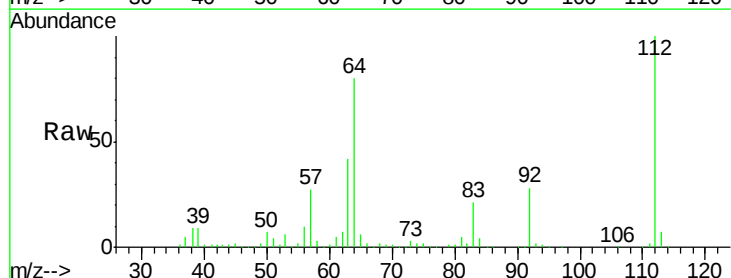
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.34 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.0	61.5	92.3
63	42.3	33.3	49.9

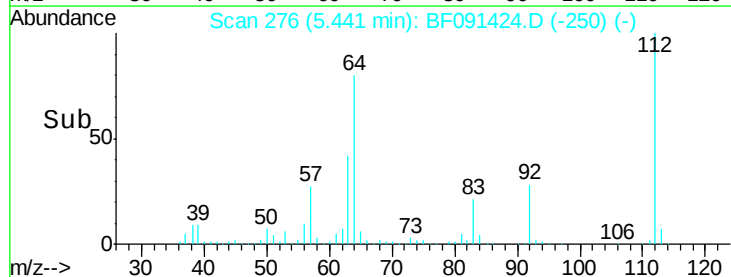
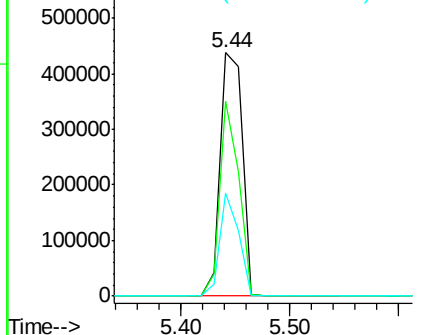


Abundance

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: 41.28 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Instrument :

BNA_F

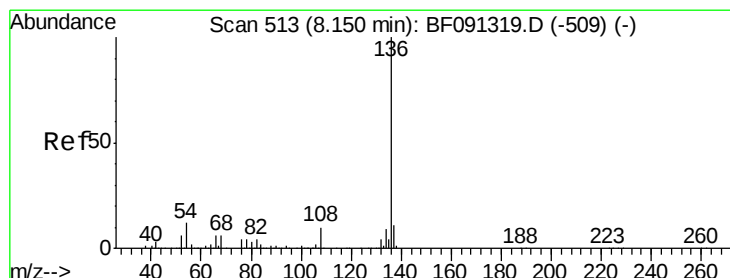
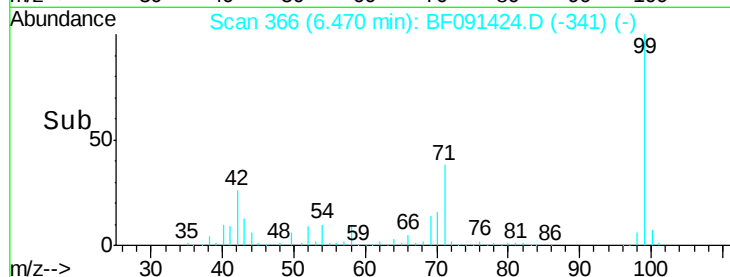
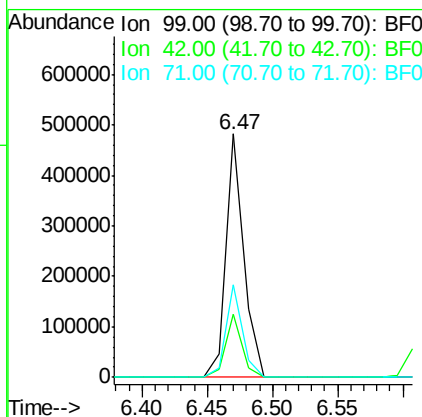
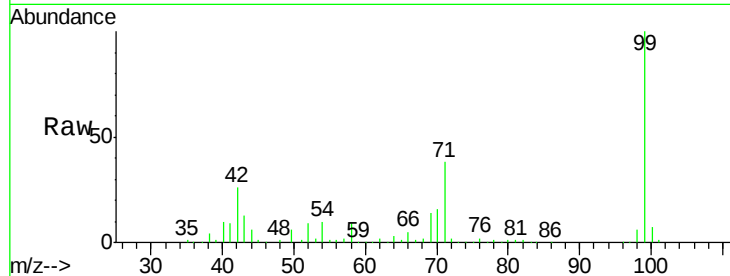
ClientSampled :

MW-9

Tot Ion:	99	Resp:	457961
Ion Ratio	Lower	Upper	
99	100		
42	26.1	20.6	31.0
71	38.3	29.9	44.9

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#21

Naphthalene-d8

Concen: 20.00 ng

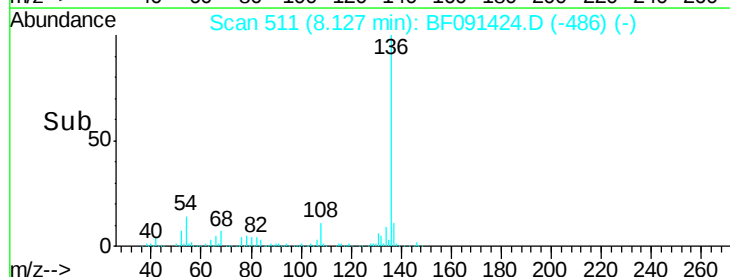
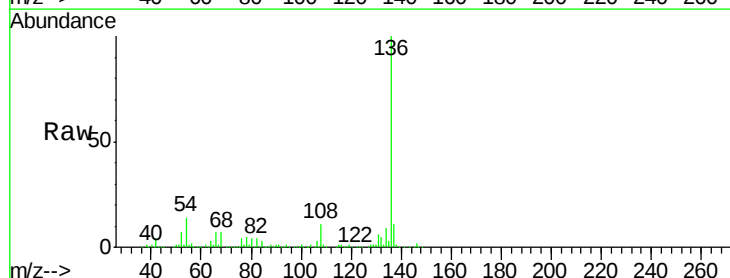
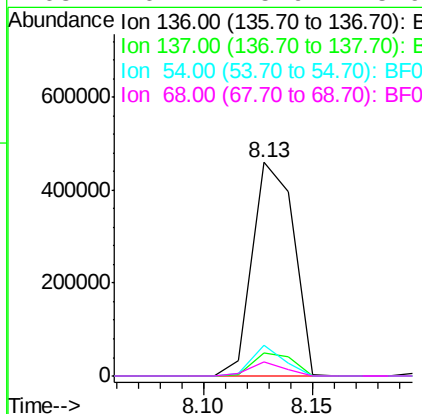
RT: 8.13 min Scan# 511

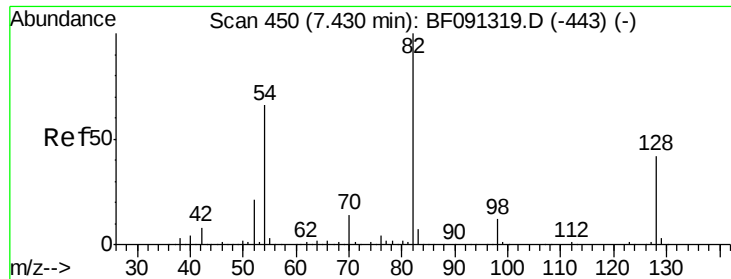
Delta R.T. -0.01 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Tgt Ion:	136	Resp:	610782
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	14.4	9.1	13.7#
68	6.7	5.9	8.9





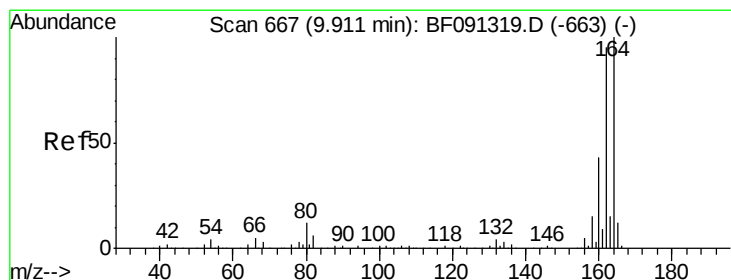
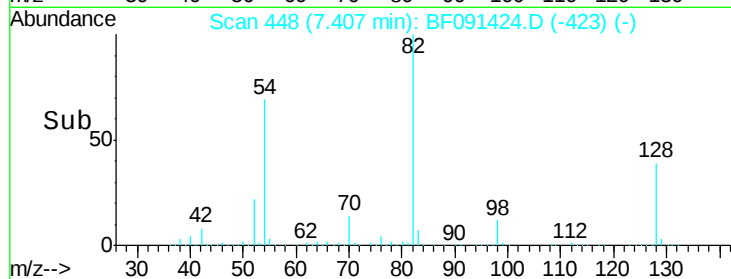
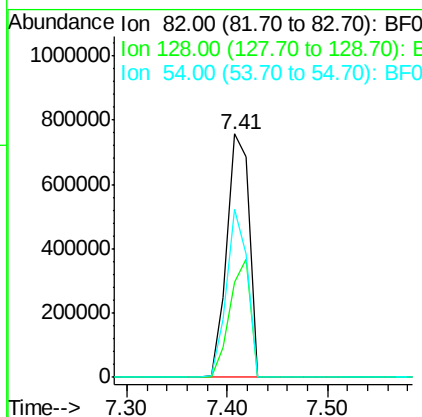
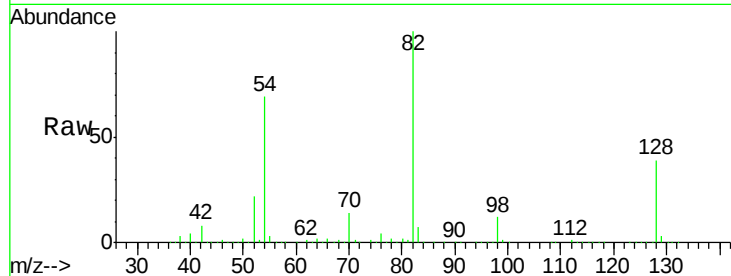
#23
 Nitrobenzene-d5
 Concen: 107.30 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF091424.D
 Acq: 5 Dec 2016 18:09

Instrument :
 BNA_F
 ClientSampled :
 MW-9

Tot Ion	82	Resp	1169431
Ion Ratio	100	Lower	Upper
128	39.1	31.8	47.6
54	68.9	49.1	73.7

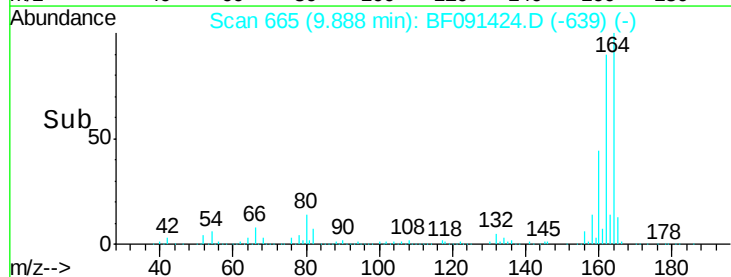
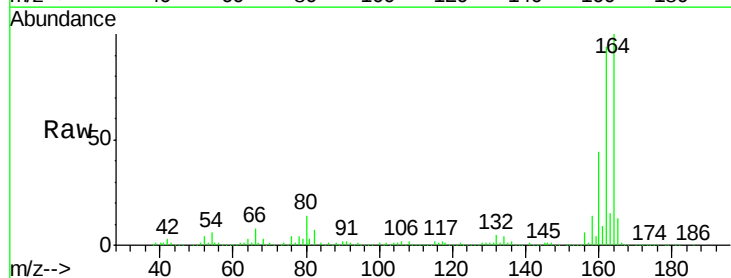
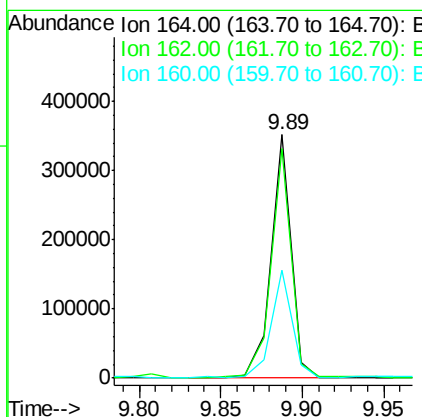
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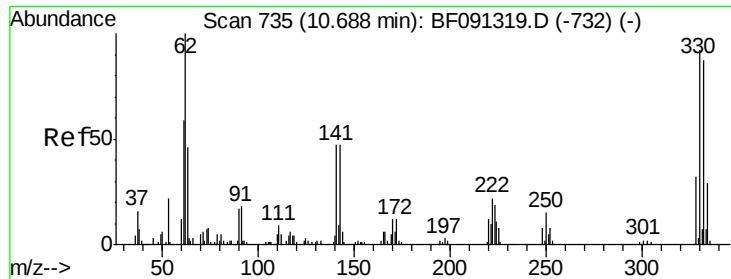
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF091424.D
 Acq: 5 Dec 2016 18:09

Tgt Ion	164	Resp	301879
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	94.3	82.6	124.0
160	44.5	36.7	55.1





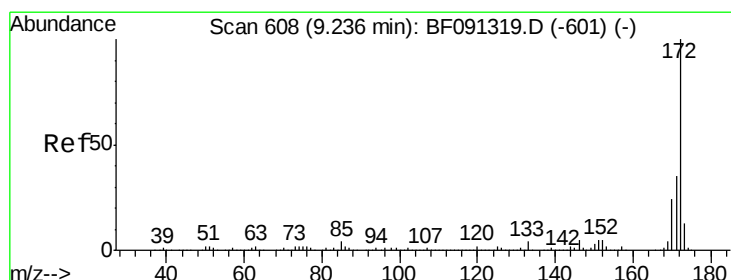
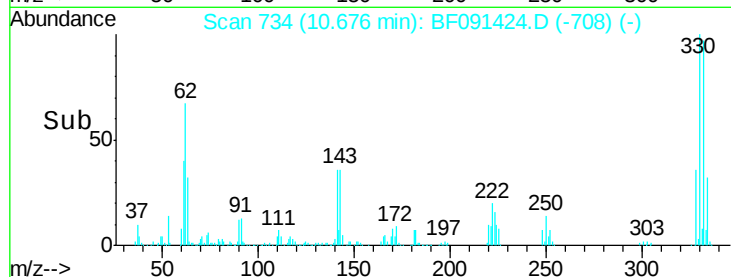
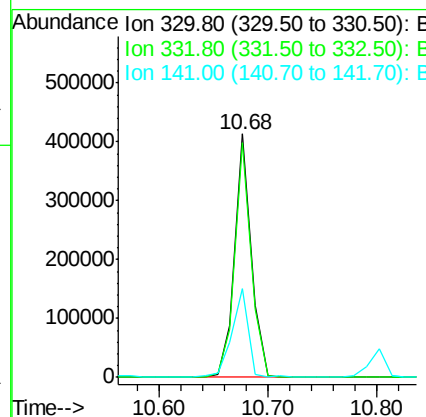
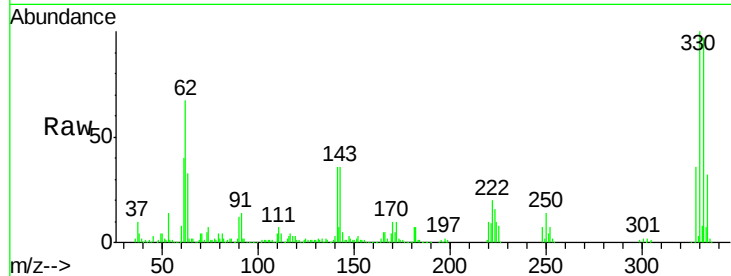
#41
 2,4,6-Tribromophenol
 Concen: 151.81 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091424.D
 Acq: 5 Dec 2016 18:09

Instrument :
 BNA_F
 ClientSampled :
 MW-9

Tot Ion	Ratio	Resp	Lower	Upper
330	100	433870		
332	96.2		76.2	114.4
141	35.2		33.6	50.4

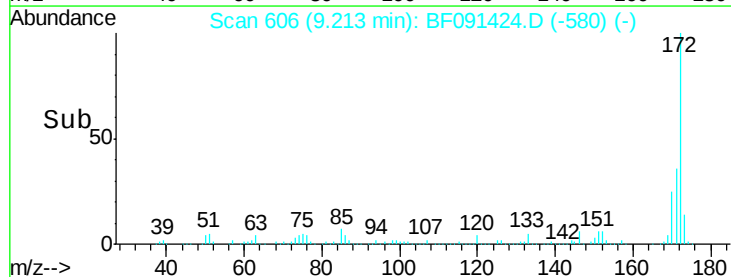
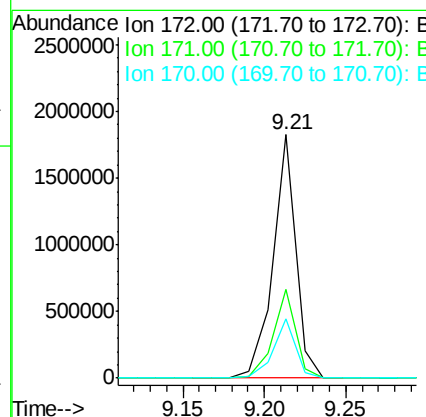
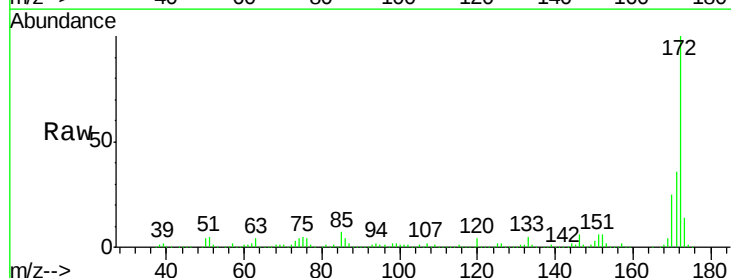
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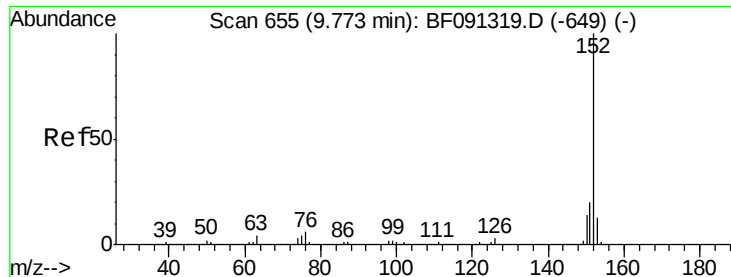
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#44
 2-Fluorobiphenyl
 Concen: 106.86 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091424.D
 Acq: 5 Dec 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1781545		
171	36.3		29.4	44.0
170	24.6		19.7	29.5





#48

Acenaphthylene

Concen: 3.68 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Instrument :

BNA_F

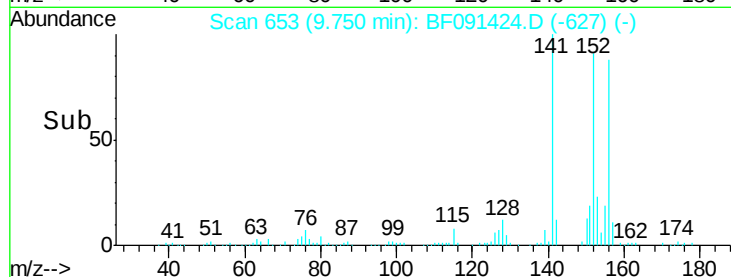
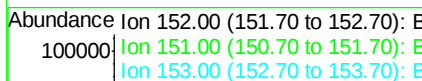
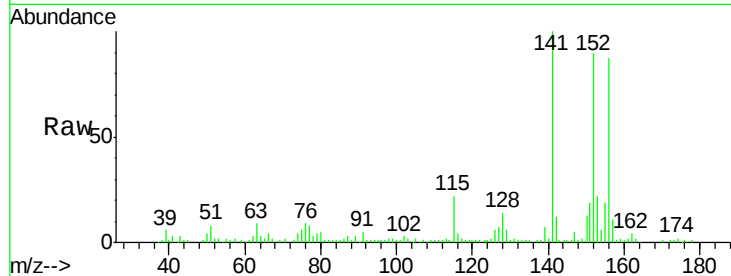
ClientSampled :

MW-9

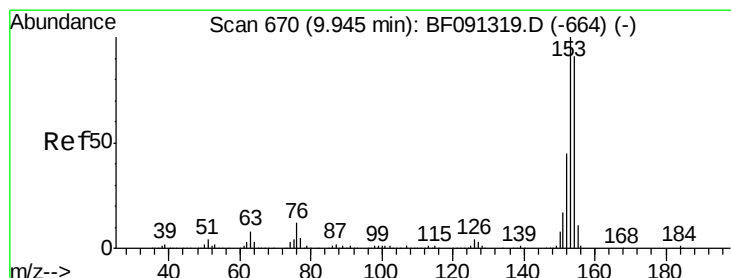
Manual Integrations
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Tot Ion:	152	Resp:	93534
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.6	24.8
153	24.9	10.7	16.1



Time-->



#51

Acenaphthene

Concen: 32.62 ng

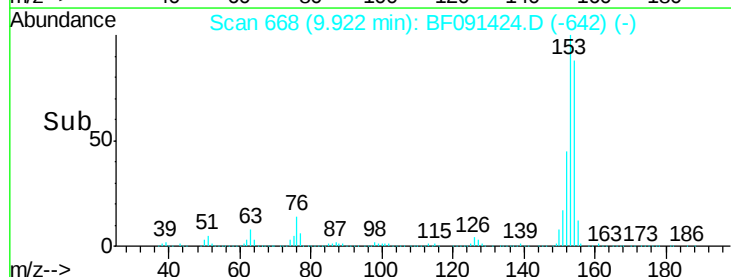
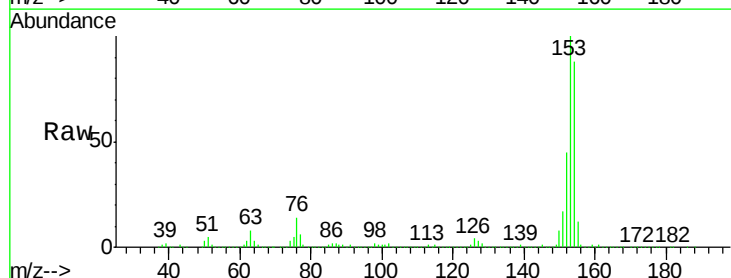
RT: 9.92 min Scan# 668

Delta R.T. -0.00 min

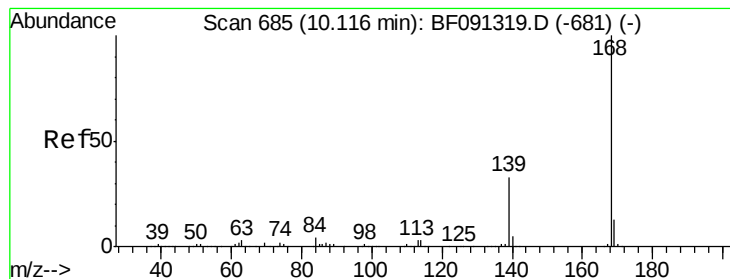
Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Tgt Ion:	154	Resp:	559861
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.0	136.6
152	51.4	44.2	66.2



Time-->



#54

Dibenzenofuran

Concen: 7.33 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Instrument :

BNA_F

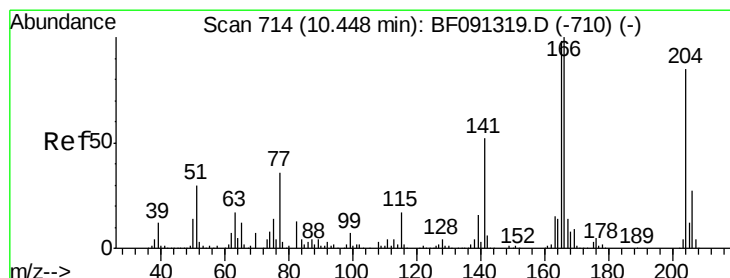
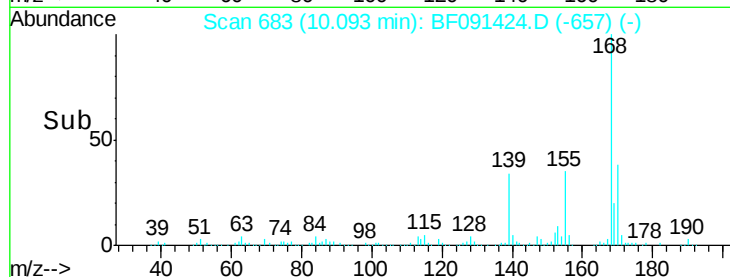
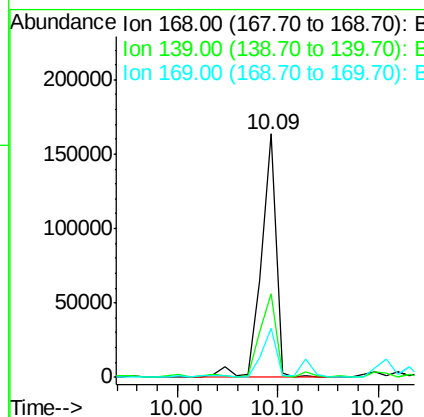
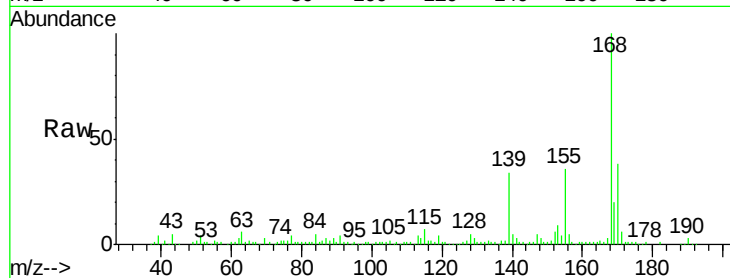
ClientSampleId :

MW-9

Tot Ion:	168	Resp:	168442
Ion Ratio	Lower	Upper	
168	100		
139	34.4	33.4	50.2
169	20.0	11.1	16.7#

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#57

Fluorene

Concen: 30.75 ng m

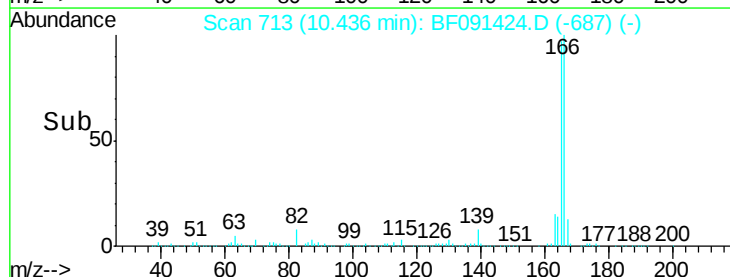
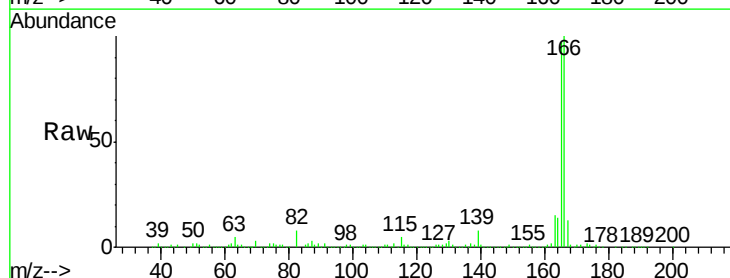
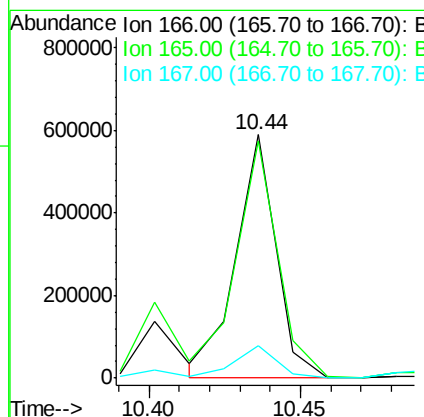
RT: 10.44 min Scan# 713

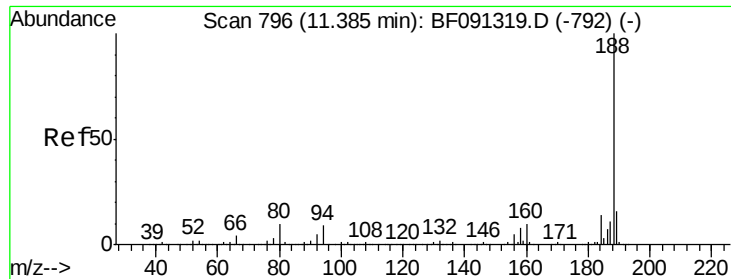
Delta R.T. -0.00 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Tgt Ion:	166	Resp:	542649
Ion Ratio	Lower	Upper	
166	100		
165	97.5	80.0	120.0
167	13.3	10.8	16.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Instrument :

BNA_F

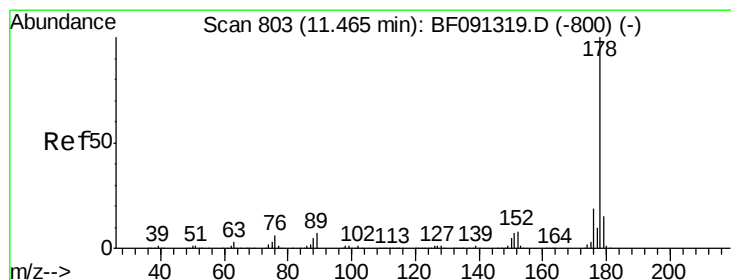
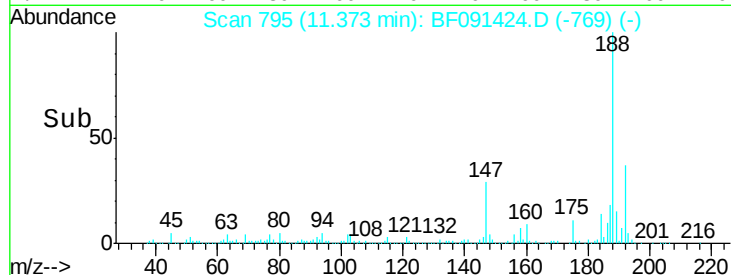
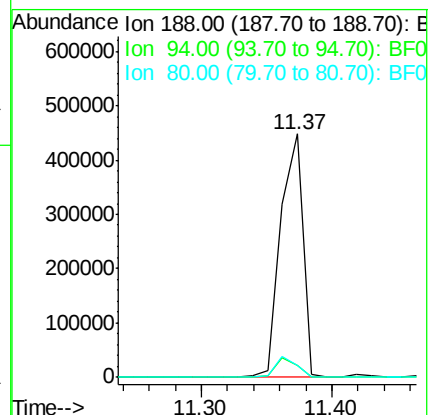
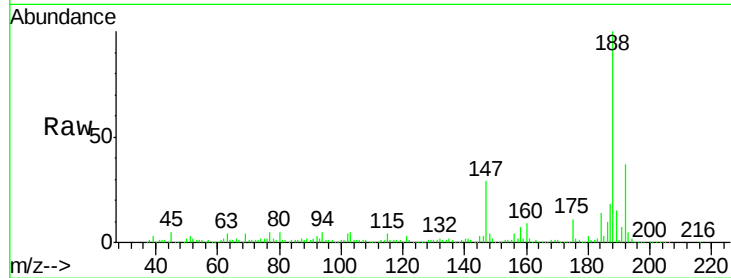
ClientSampled :

MW-9

Tot Ion:188	Resp:	538702
Ion Ratio	Lower	Upper
188 100		
94 5.0	9.2	13.8#
80 4.9	10.5	15.7#

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#71

Anthracene

Concen: 2.55 ng

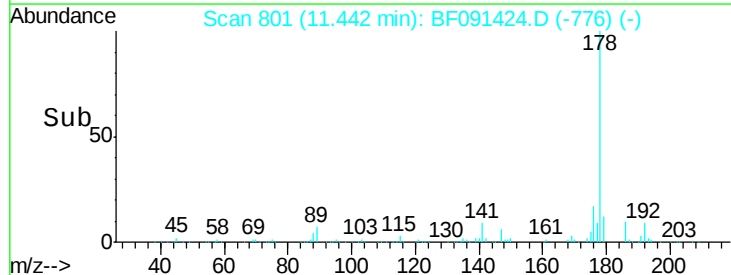
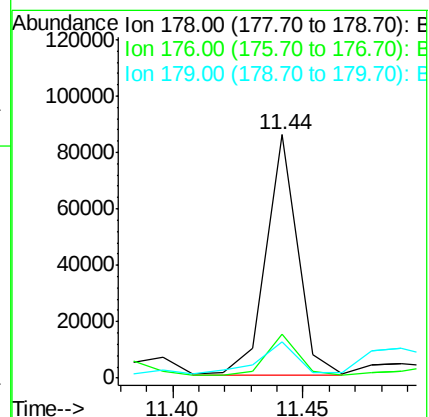
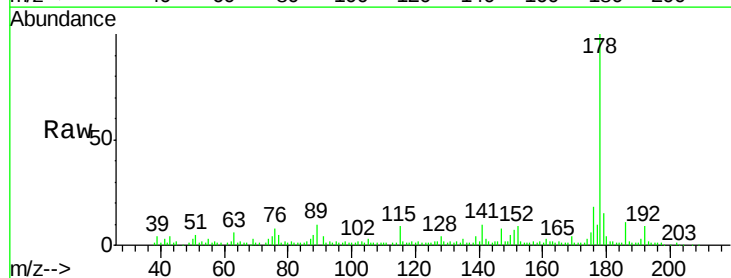
RT: 11.44 min Scan# 801

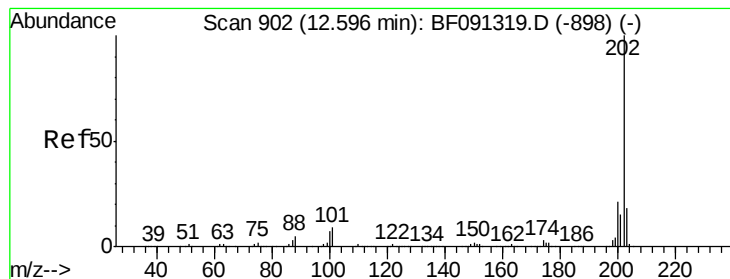
Delta R.T. -0.01 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Tgt Ion:178	Resp:	70862
Ion Ratio	Lower	Upper
178 100		
176 18.1	15.8	23.6
179 15.1	12.7	19.1





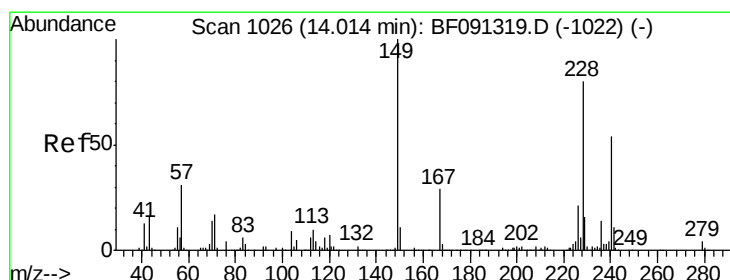
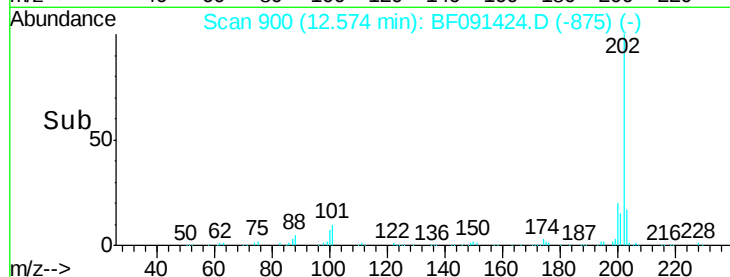
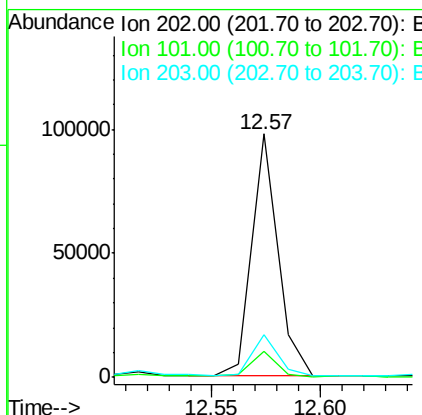
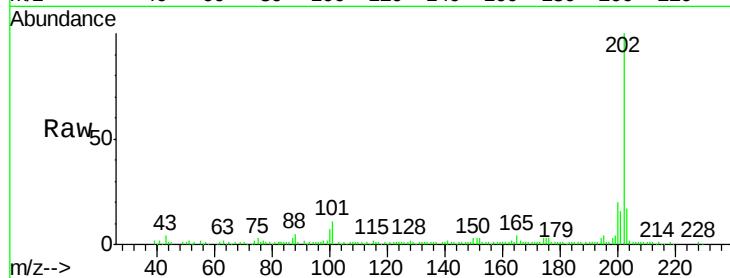
#74
 Fluoranthene
 Concen: 3.09 ng
 RT: 12.57 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF091424.D
 Acq: 5 Dec 2016 18:09

Instrument :
 BNA_F
 ClientSampled :
 MW-9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	29.5
203	17.3	0.0	37.8

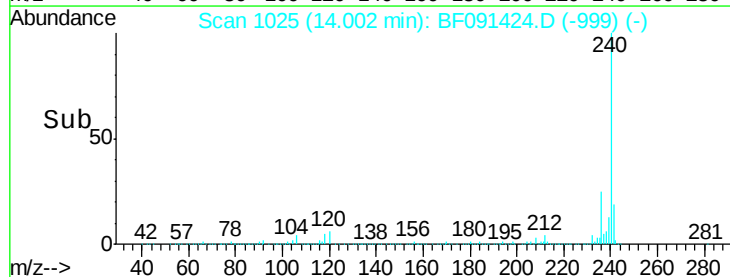
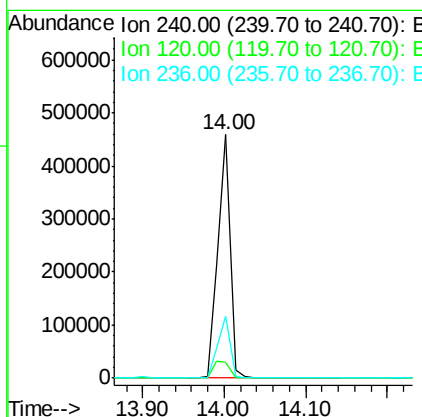
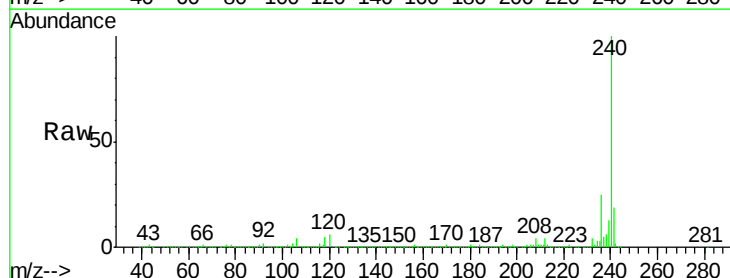
Manual Integrations
 APPROVED

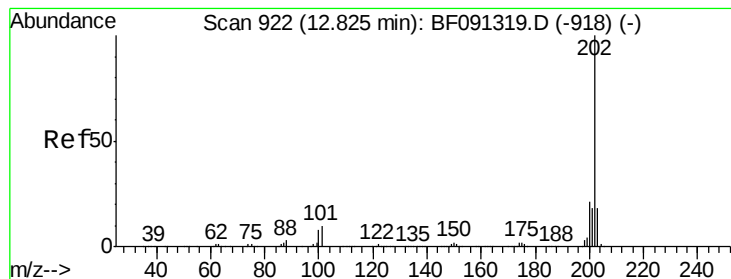
sohil
 12/6/2016 3:02:03 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF091424.D
 Acq: 5 Dec 2016 18:09

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.3	12.1	18.1#
236	25.5	21.0	31.6





#77

Pvrene

Concen: 2.96 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Instrument :

BNA_F

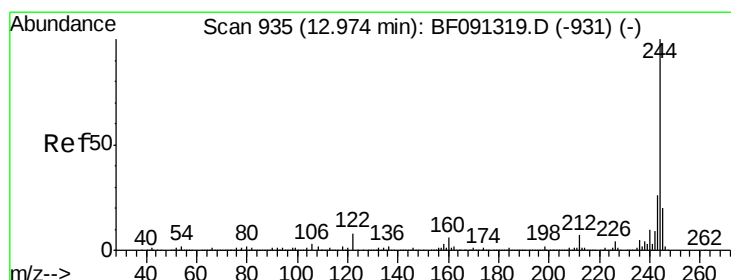
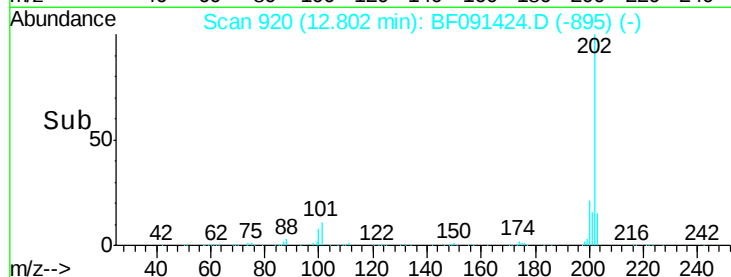
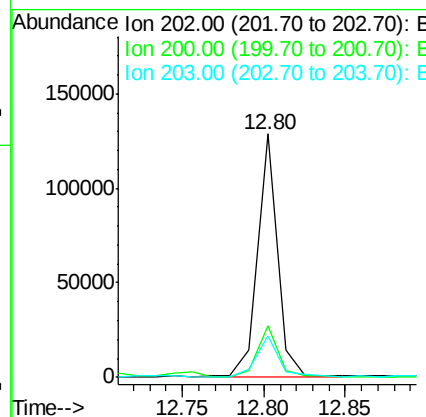
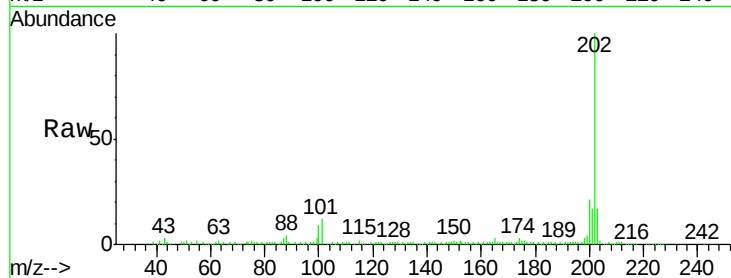
ClientSampleId :

MW-9

Tot Ion:	202	Resp:	107561
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.1	14.0	21.0

Manual Integrations
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sohil
12/6/2016 3:02:03 PM



#78

Terphenyl-d14

Concen: 94.35 ng

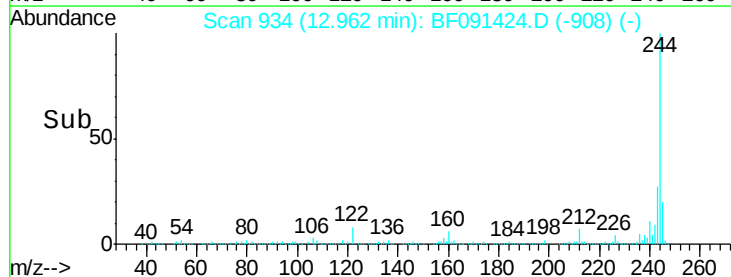
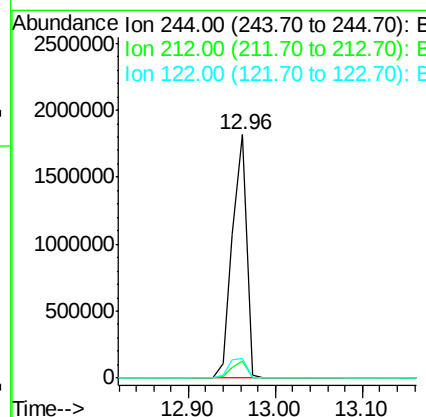
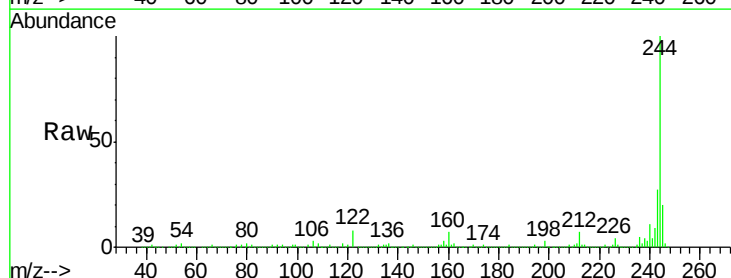
RT: 12.96 min Scan# 934

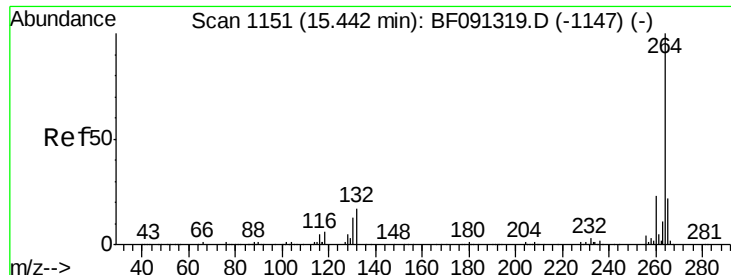
Delta R.T. -0.00 min

Lab File: BF091424.D

Acq: 5 Dec 2016 18:09

Tgt Ion:	244	Resp:	2080038
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.5	9.7
122	7.9	9.5	14.3#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF091424.D
Acq: 5 Dec 2016 18:09

Instrument :
BNA_F
ClientSampled :
MW-9

Tot Ion	Ratio	Resp	Lower	Upper
264	100	356716		
260	23.4		18.8	28.2
265	21.3		17.0	25.6

Manual Integrations
APPROVED

sohil
12/6/2016 3:02:03 PM

