

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081957.D
 Acq On : 2 Oct 2015 00:14
 Operator : UM/IZ
 Sample : G3754-06DL2 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Manual Integrations
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apatel
 10/2/2015 9:03:19 AM

Quant Time: Oct 02 04:11:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	98925	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	433371	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	215720	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	420523	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	402767	20.00	ng	-0.06
86) Perylene-d12	15.50	264	299120	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	3321	0.61	ng	-0.03
7) Phenol-d6	6.53	99	3529	0.51	ng	-0.03
23) Nitrobenzene-d5	7.47	82	13596	2.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	4865	2.23	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	38732	1.54	ng	-0.05
78) Terphenyl-d14	13.01	244	39041	0.61	ng	-0.05
Target Compounds						
31) Naphthalene	8.21	128	1237730	64.46	ng	96
37) 2-Methylnaphthalene	8.89	142	87283m	6.66	ng	
48) Acenaphthylene	9.79	152	116124	5.55	ng	98
51) Acenaphthene	9.97	154	28586	2.30	ng	88

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

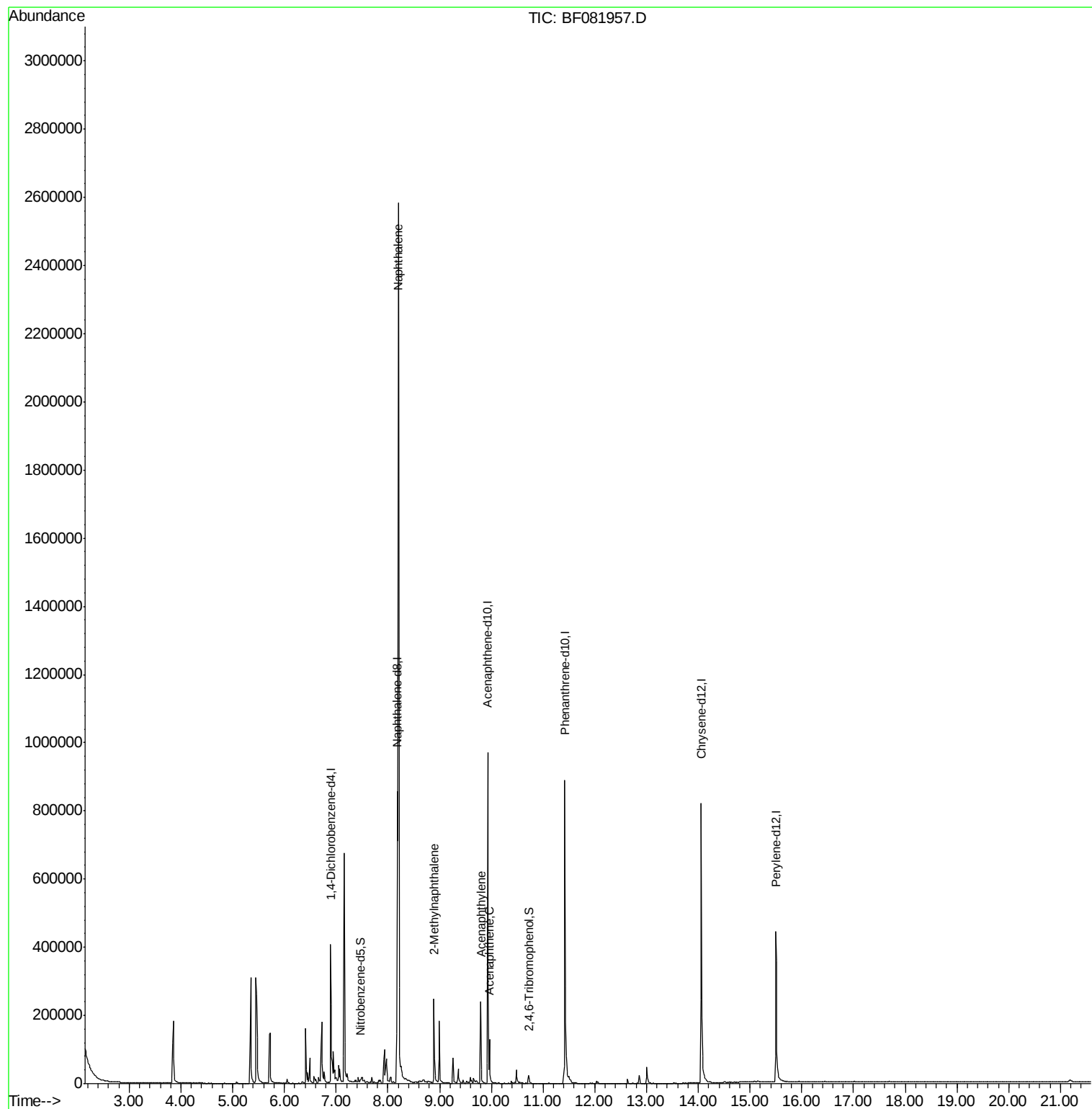
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
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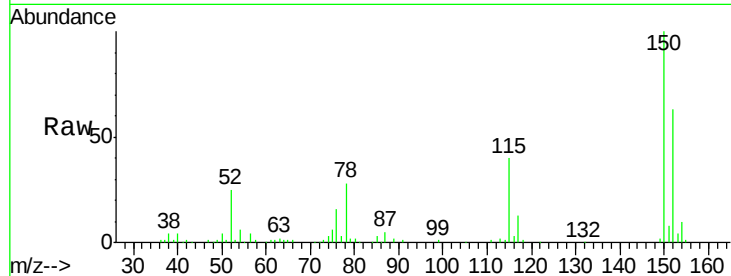




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

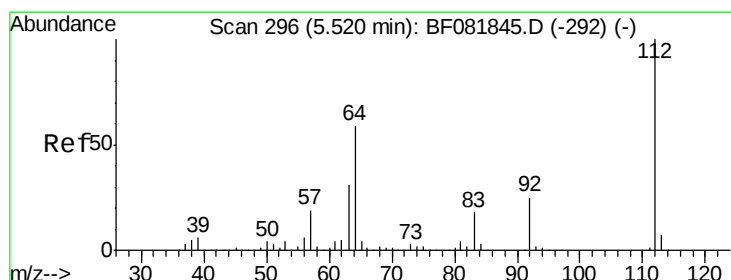
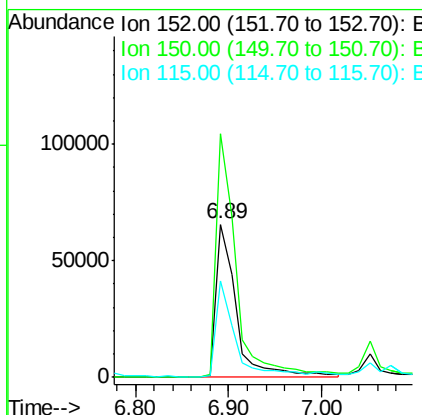
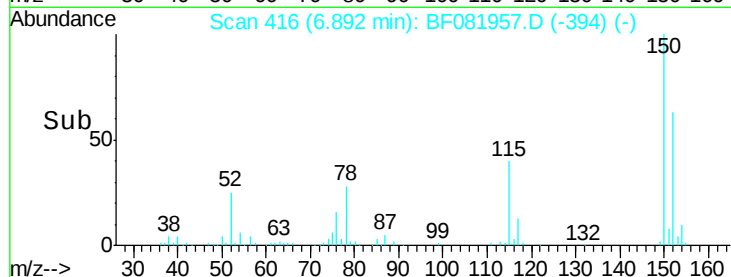
Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.7	187.1
115	63.4	39.0	58.4#

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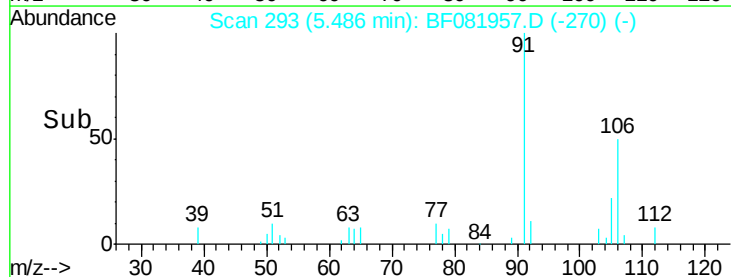
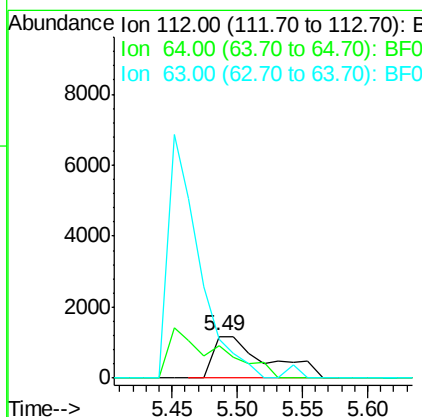
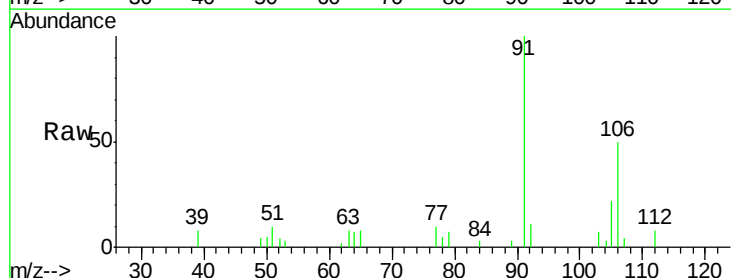
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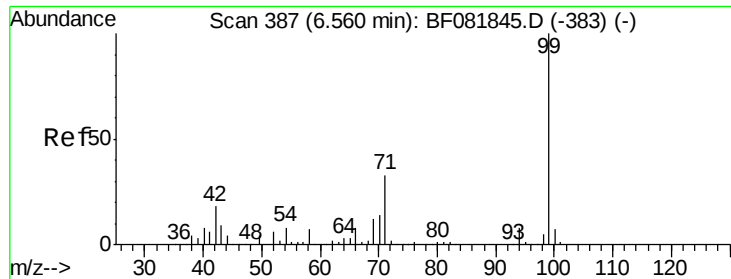


#5

2-Fluorophenol
Concen: 0.61 ng
RT: 5.49 min Scan# 293
Delta R.T. -0.03 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.9	39.7	59.5#
63	95.2	17.4	26.0#





#7

Phenol-d6

Concen: 0.51 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081957.D

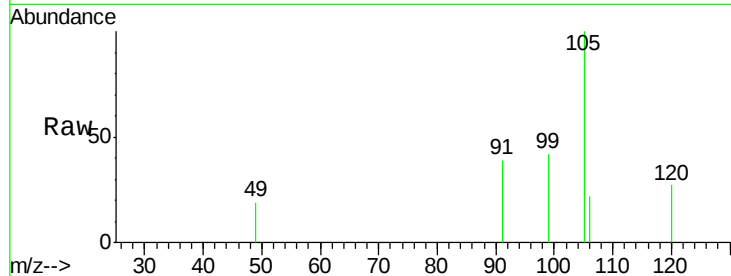
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Instrument :

BNA_F

ClientSampleId :

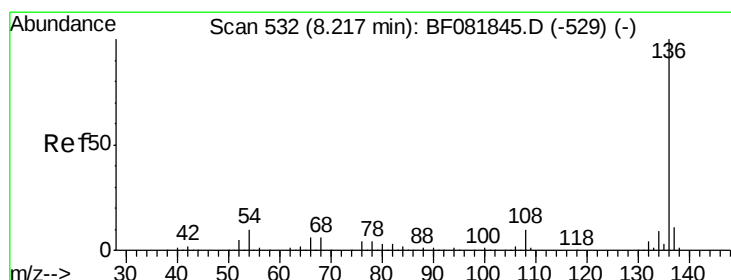
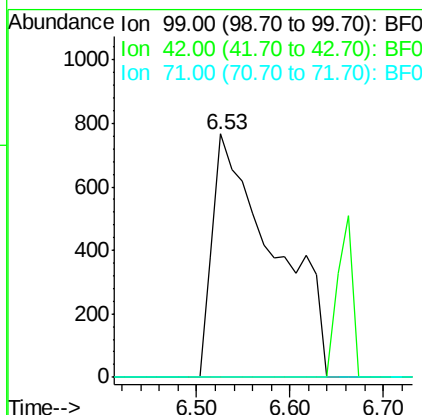
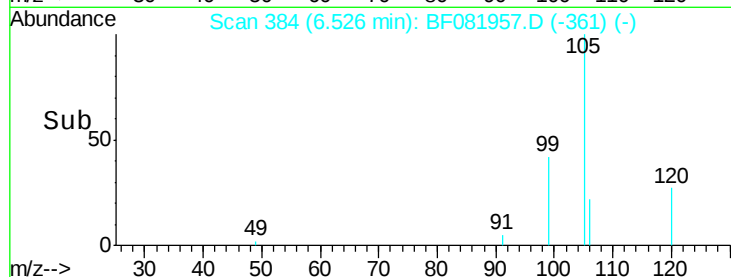
MW-7BDDL2



Tgt Ion	Ratio	Lower	Upper
99	100		
42	0.0	13.7	20.5#
71	0.0	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

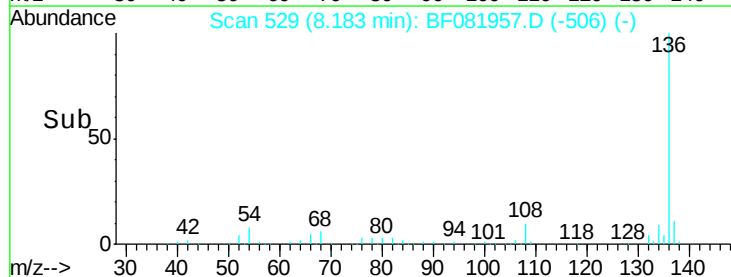
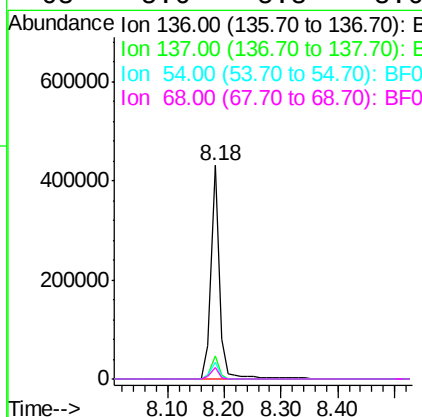
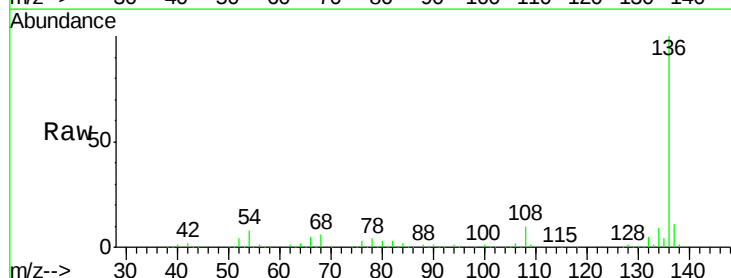
RT: 8.18 min Scan# 529

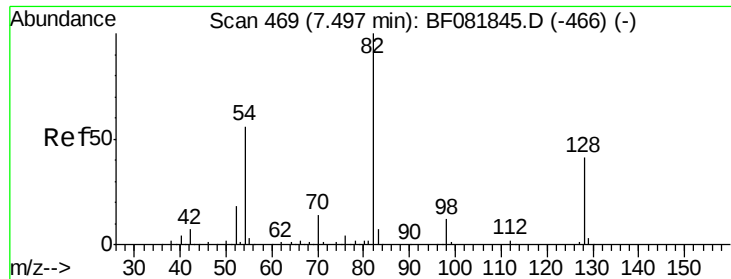
Delta R.T. -0.03 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.9	8.2	12.2#
68	5.6	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 2.09 ng

RT: 7.47 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

Instrument :

BNA_F

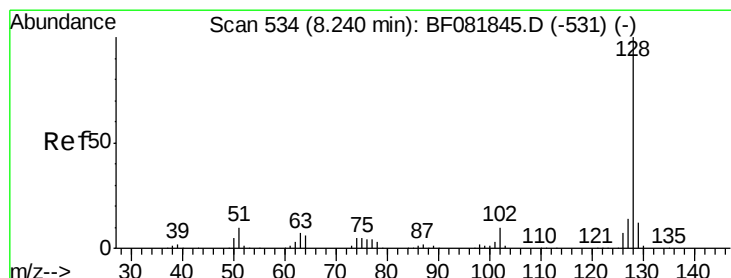
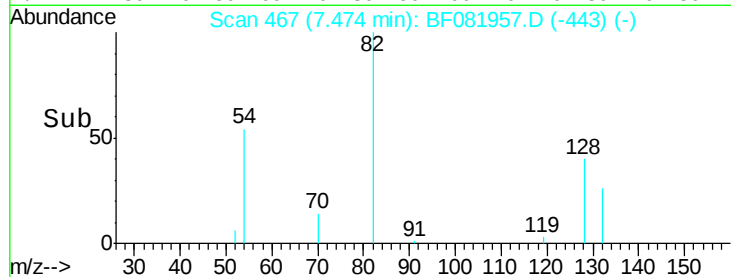
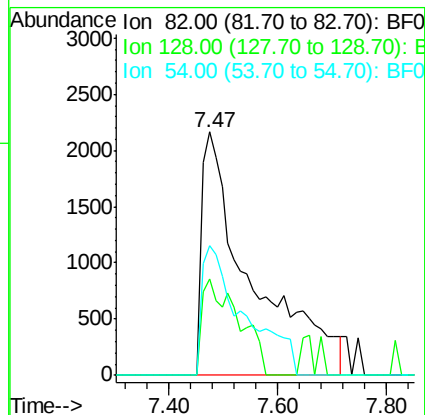
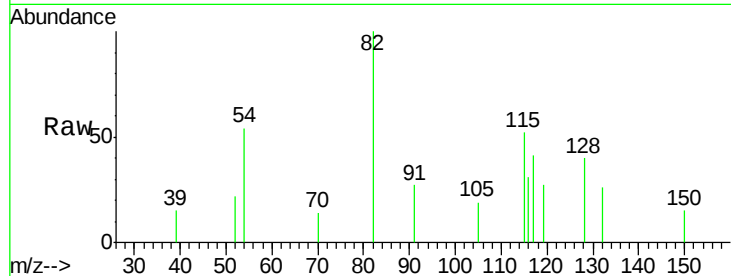
ClientSampleId :

MW-7BDDL2

Tgt Ion:	82	Resp:	13596
Ion Ratio	Lower	Upper	
82	100		
128	39.7	51.0	76.6#
54	53.5	47.5	71.3

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#31

Naphthalene

Concen: 64.46 ng

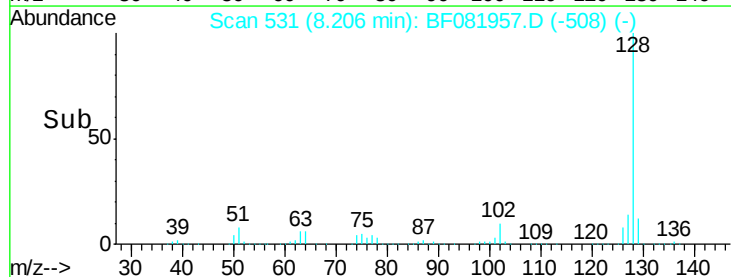
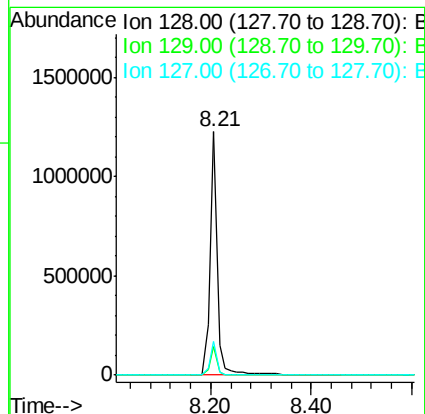
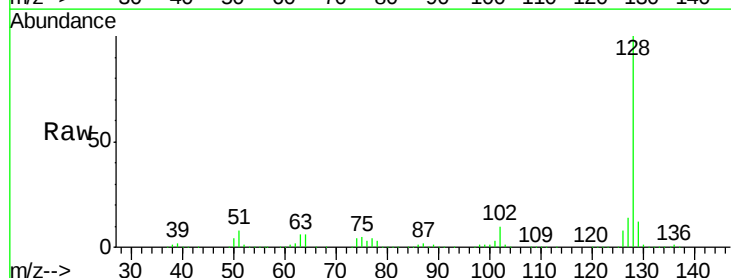
RT: 8.21 min Scan# 531

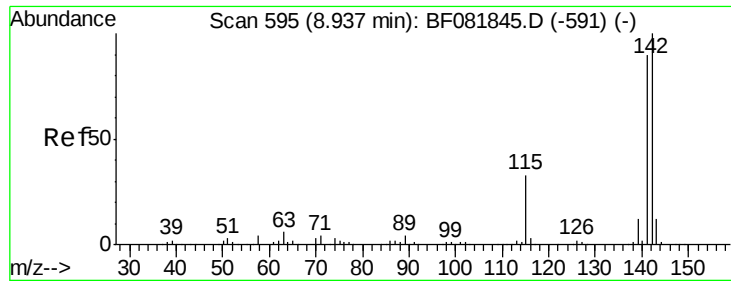
Delta R.T. -0.03 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

Tgt Ion:	128	Resp:	1237730
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.4	12.6
127	13.9	9.9	14.9





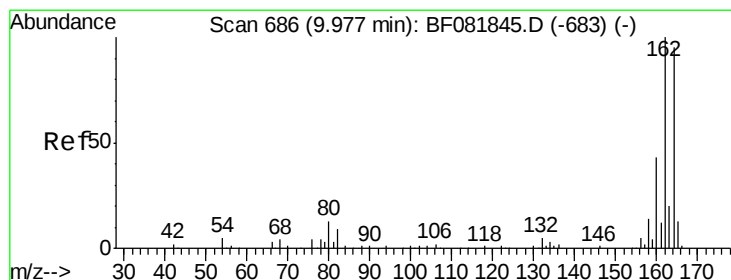
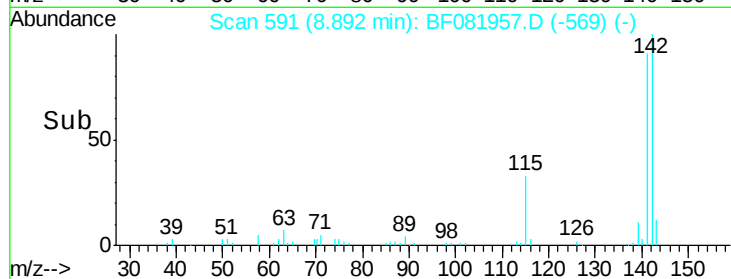
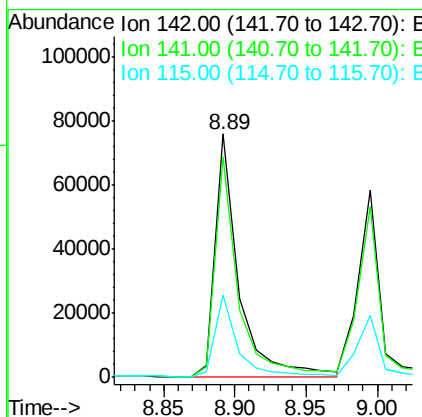
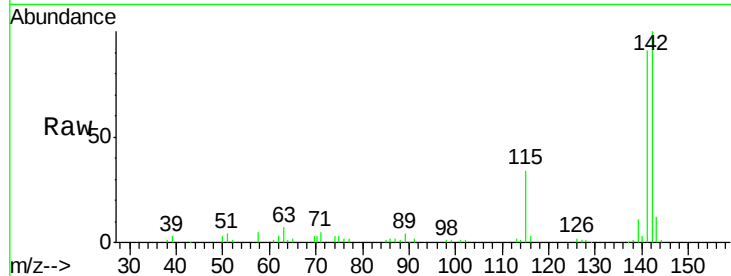
#37
 2-Methylnaphthalene
 Concen: 6.66 ng m
 RT: 8.89 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF081957.D
 Acq: 2 Oct 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	67.5	101.3
115	34.0	18.2	27.2

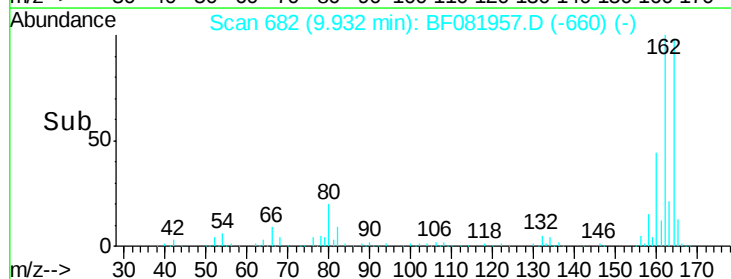
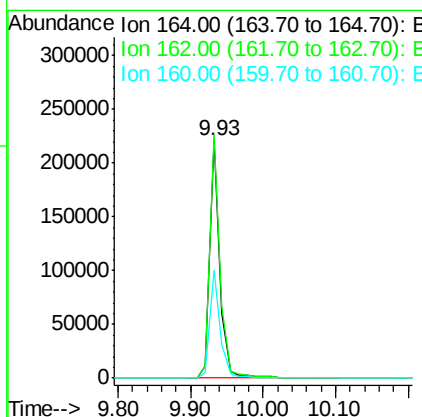
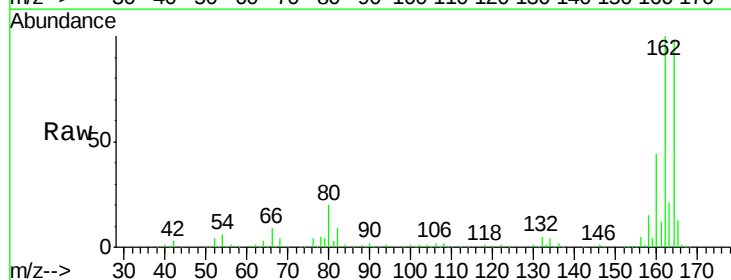
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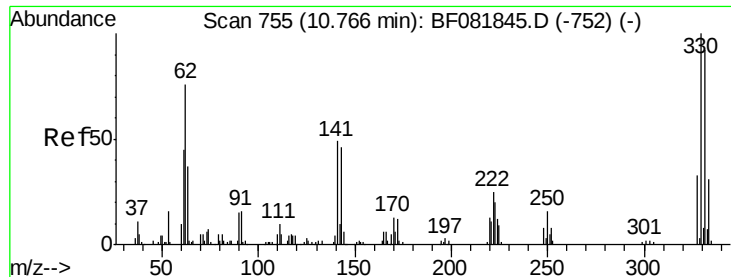
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081957.D
 Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	75.2	112.8
160	45.1	31.5	47.3





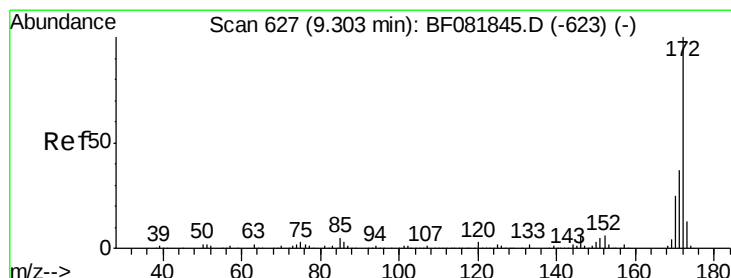
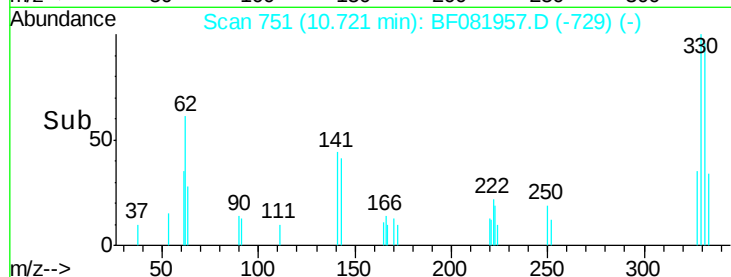
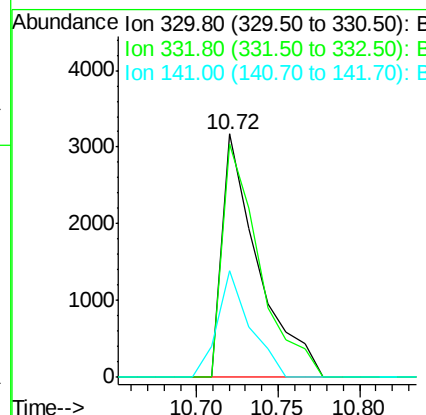
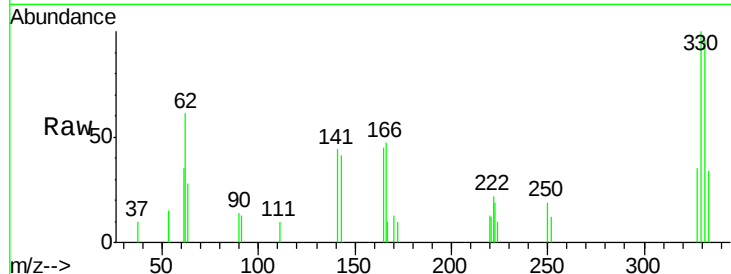
#41
 2,4,6-Tribromophenol
 Concen: 2.23 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081957.D
 Acq: 2 Oct 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	4865		
332	98.7	76.6	114.8	
141	39.8	29.7	44.5	

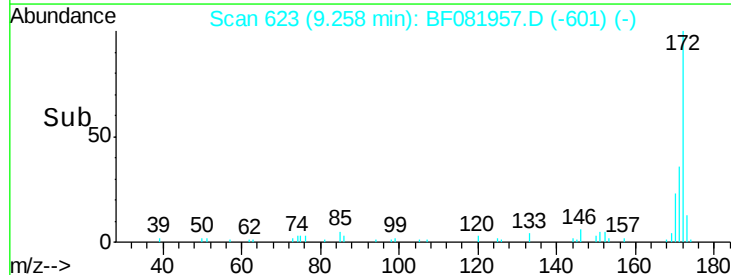
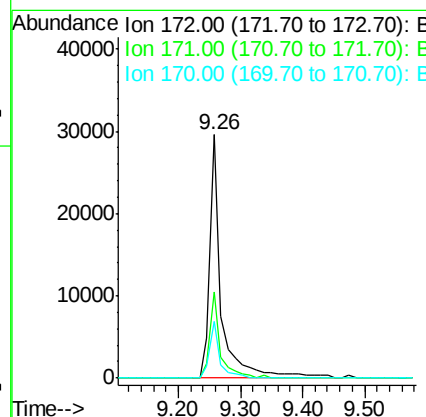
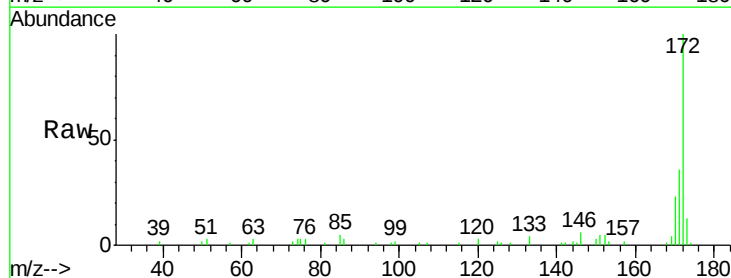
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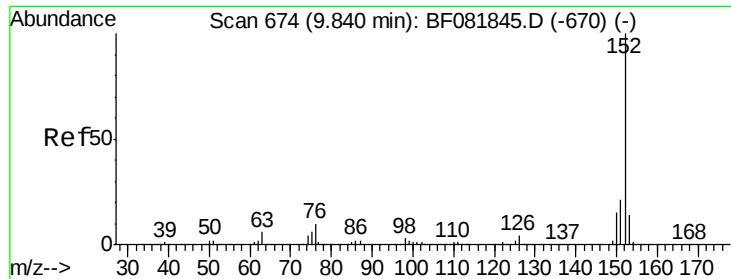
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#44
 2-Fluorobiphenyl
 Concen: 1.54 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081957.D
 Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	38732		
171	35.6	26.1	39.1	
170	23.2	17.4	26.2	





#48

Acenaphthylene

Concen: 5.55 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.05 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

Instrument :

BNA_F

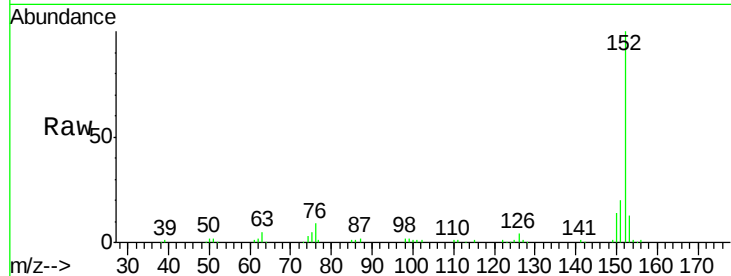
ClientSampleId :

MW-7BDDL2

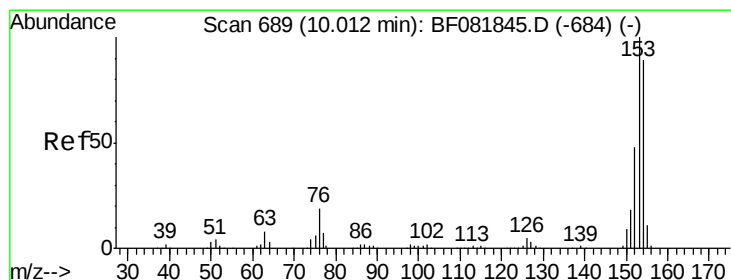
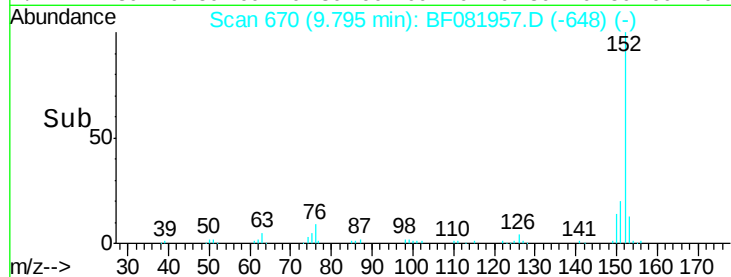
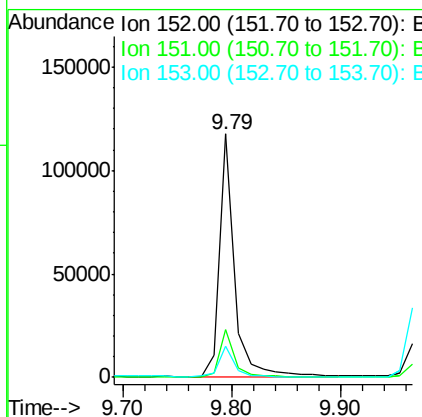
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	116124		
151	19.8	14.6	22.0	
153	13.0	10.3	15.5	



#51

Acenaphthene

Concen: 2.30 ng

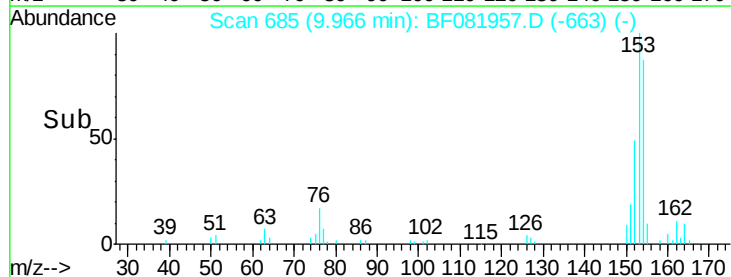
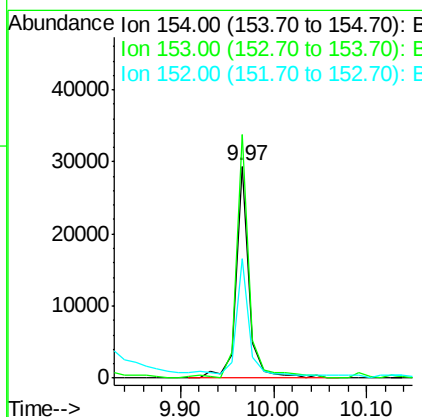
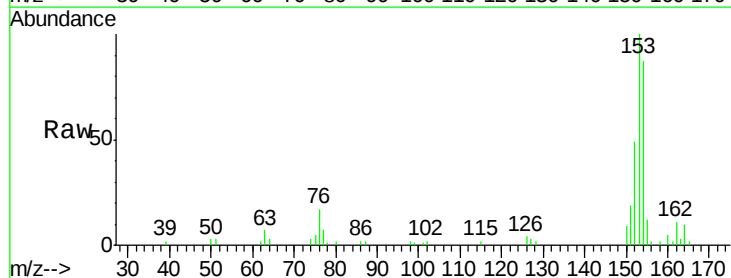
RT: 9.97 min Scan# 685

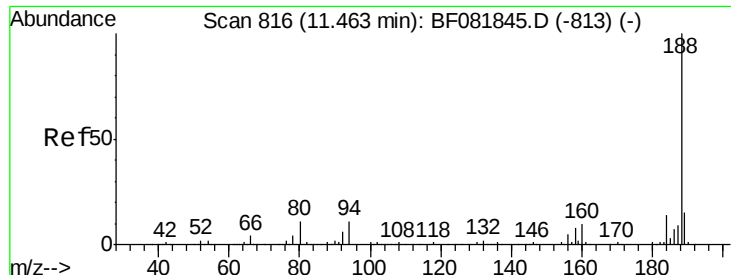
Delta R.T. -0.05 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	28586		
153	114.8	82.1	123.1	
152	56.1	37.9	56.9	





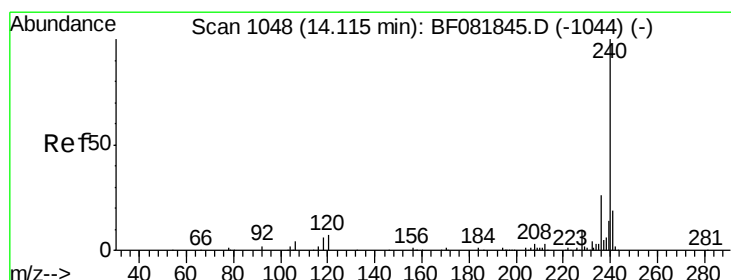
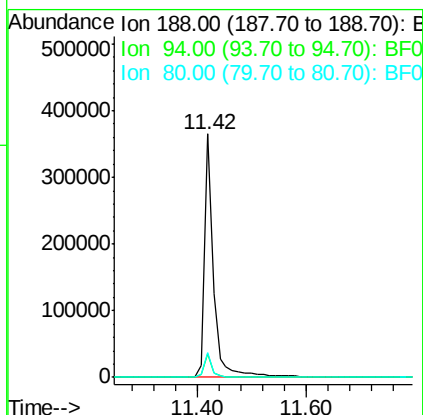
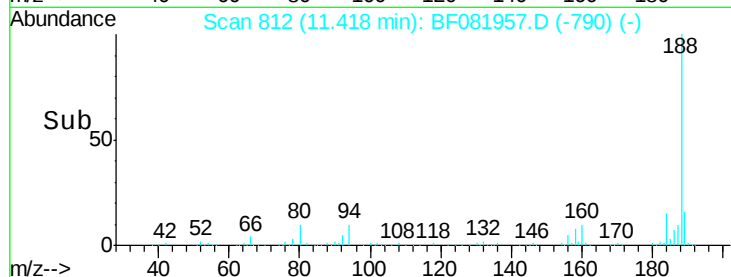
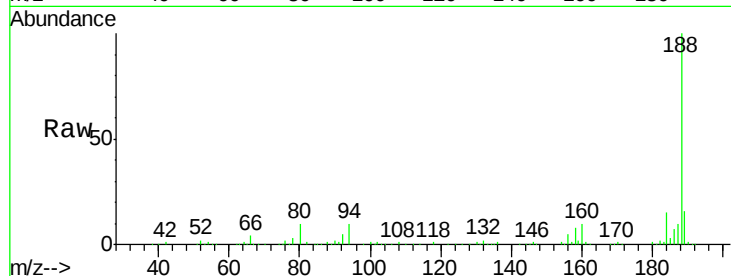
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	11.1	16.7#
80	10.3	11.0	16.4#

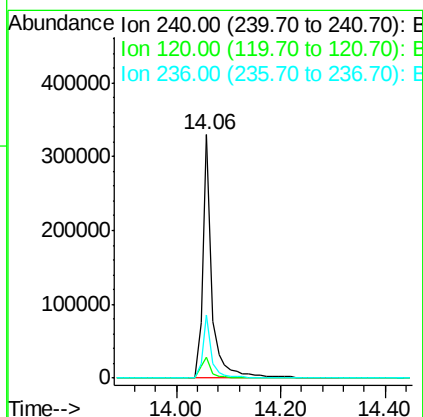
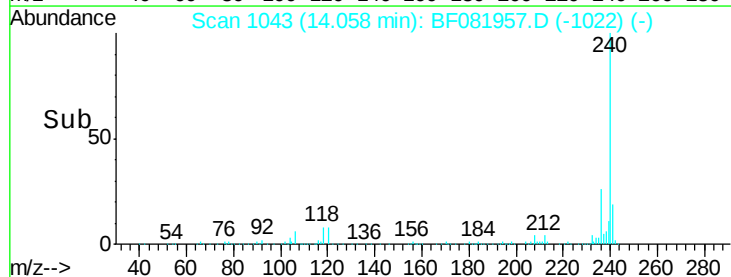
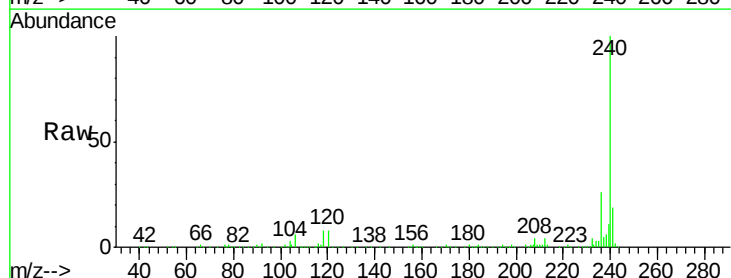
Manual Integrations
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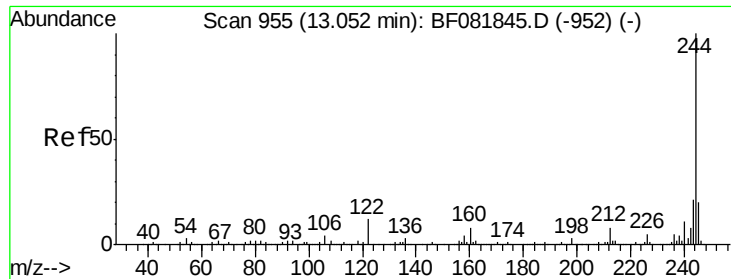
apatel
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.4	16.2	24.2#
236	26.2	18.4	27.6





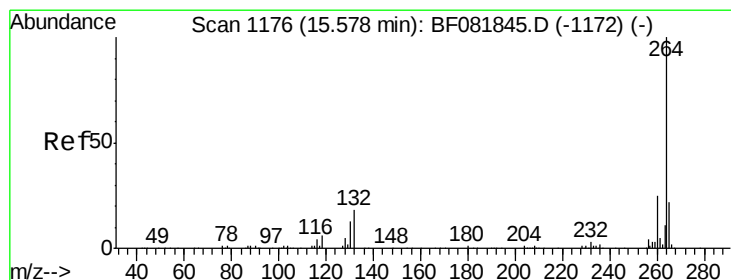
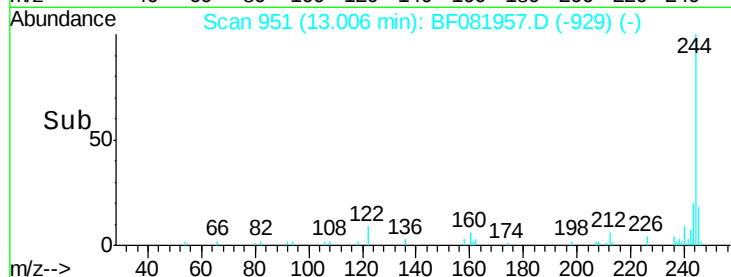
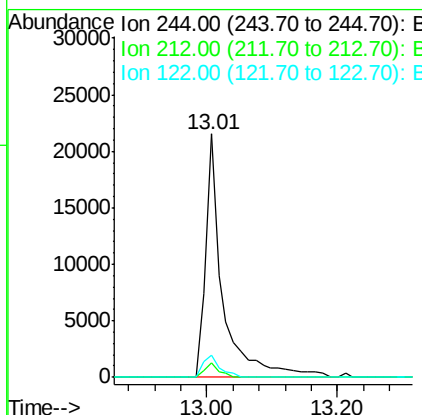
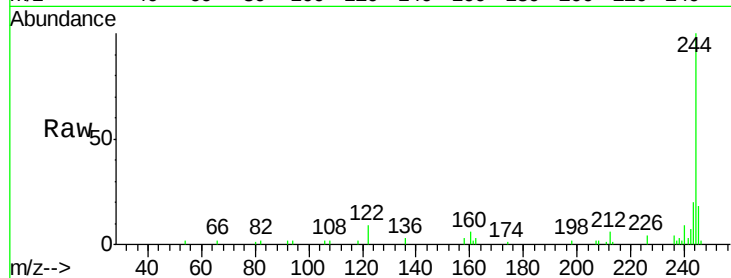
#78
 Terphenyl-d14
 Concen: 0.61 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081957.D
 Acq: 2 Oct 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.3	6.5
122	9.2	17.4	26.2

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:03:19 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.08 min
 Lab File: BF081957.D
 Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.6	17.2	25.8

