

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081092.D
 Acq On : 19 Aug 2015 20:55
 Operator : UM/IZ
 Sample : G3324-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9832

Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:28 PM

Quant Time: Aug 20 11:13:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	52862	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	150389	20.00	ng	0.06
38) Acenaphthene-d10	9.62	164	104801	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	227434	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	211338	20.00	ng	-0.04
86) Perylene-d12	15.04	264	165923	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	57339	16.31	ng	-0.04
7) Phenol-d6	6.23	99	74596	16.27	ng	-0.03
23) Nitrobenzene-d5	7.18	82	65925	20.03	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	11209	12.34	ng	-0.04
44) 2-Fluorobiphenyl	8.96	172	71617	8.95	ng	-0.03
78) Terphenyl-d14	12.66	244	75921	7.70	ng	-0.04
Target Compounds						
37) 2-Methylnaphthalene	8.63	142	36831m	6.96	ng	Qvalue
45) 1,1'-Biphenyl	9.06	154	20863	2.26	ng	99

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

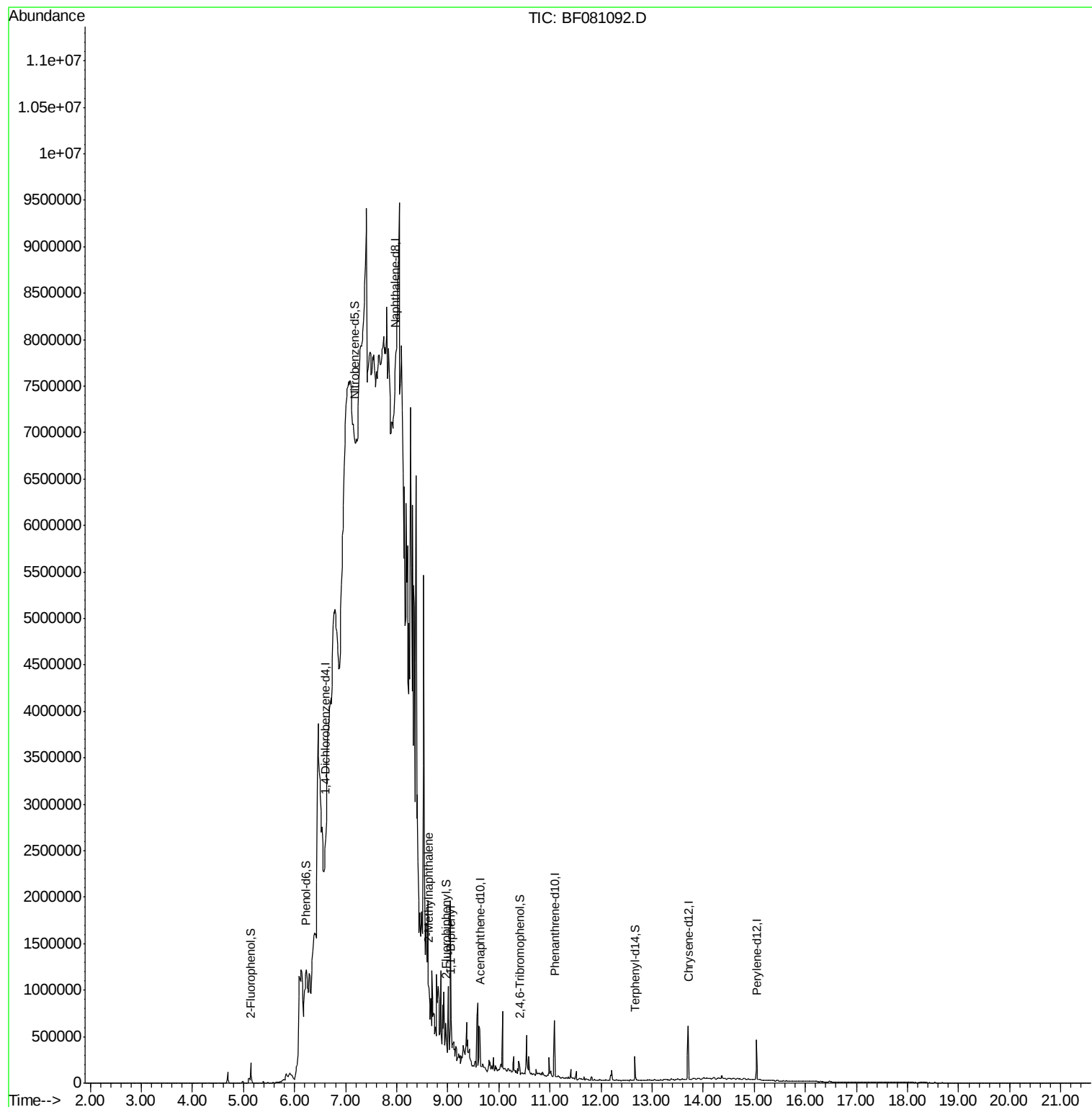
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081092.D
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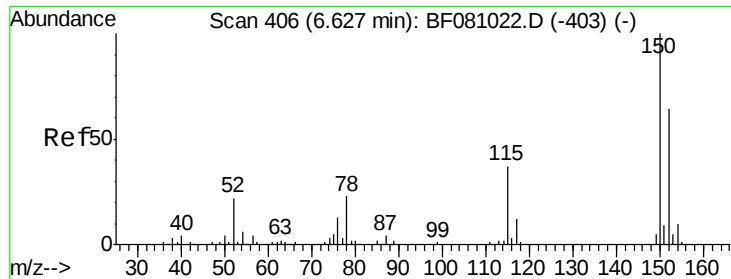
Instrument :
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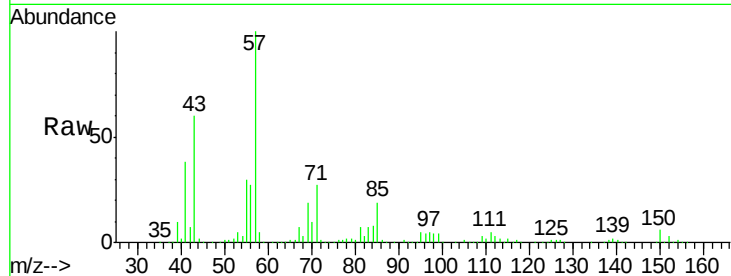




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF081092.D
Acq: 19 Aug 2015 20:55

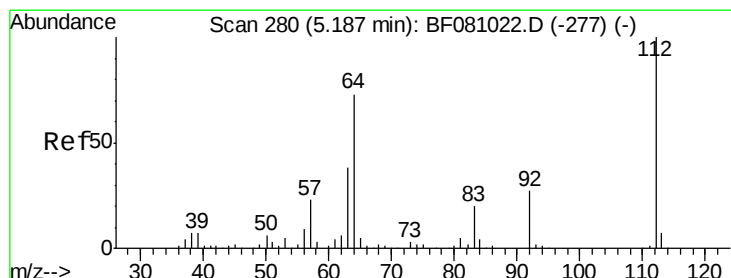
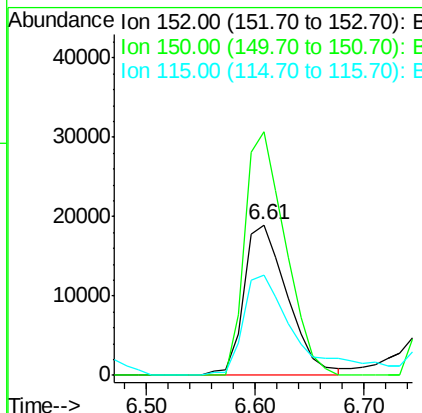
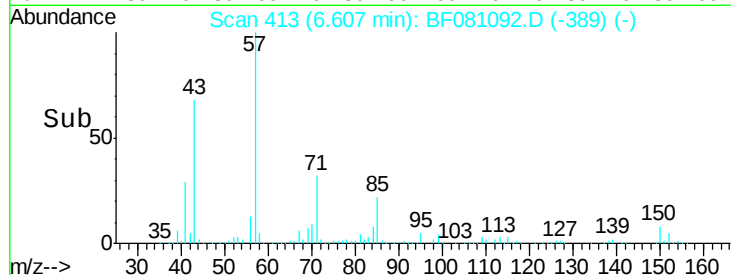
Instrument :
BNA_F
ClientSampleId :
LAR9832



Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.6	123.8	185.6
115	66.6	52.1	78.1

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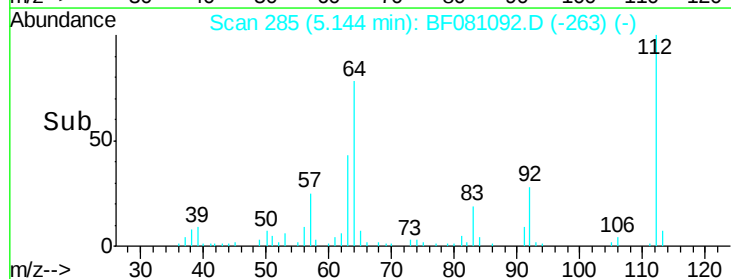
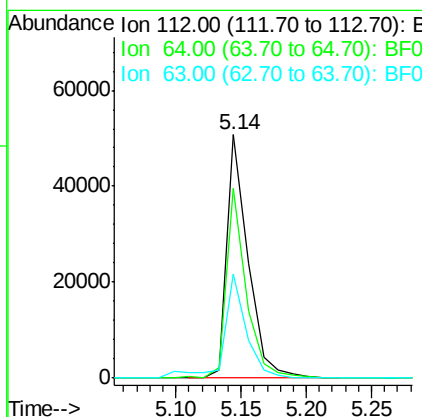
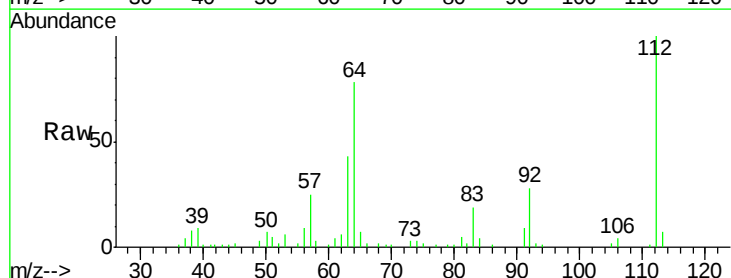
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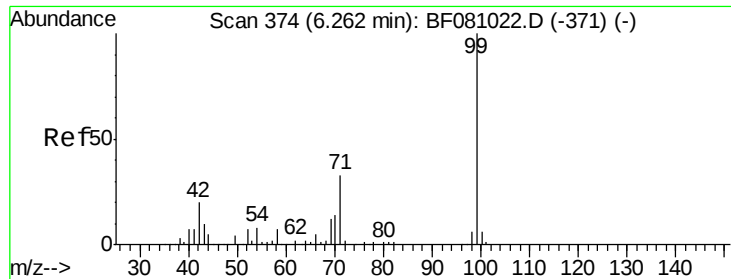


#5

2-Fluorophenol
Concen: 16.31 ng
RT: 5.14 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF081092.D
Acq: 19 Aug 2015 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.0	66.9	100.3
63	42.5	38.1	57.1





#7

Phenol-d6

Concen: 16.27 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF081092.D

Acq: 19 Aug 2015 20:55

Instrument :

BNA_F

ClientSampleId :

LAR9832

Tgt Ion: 99 Resp: 74596

Ion Ratio Lower Upper

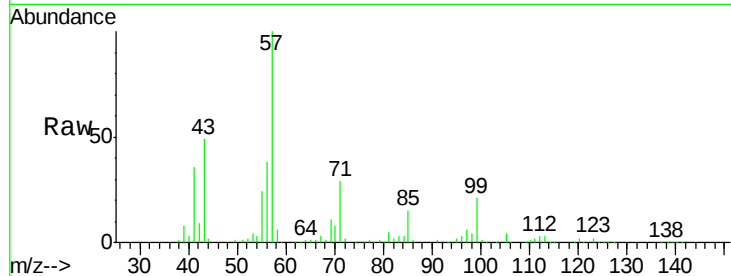
99 100

42 45.6 19.6 29.4#

71 140.4 31.2 46.8#

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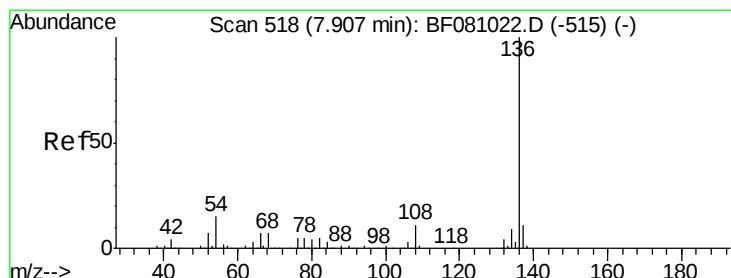
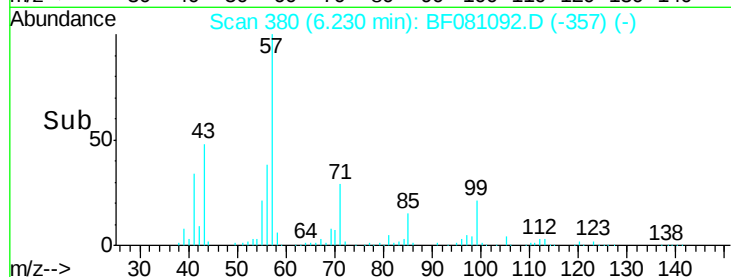
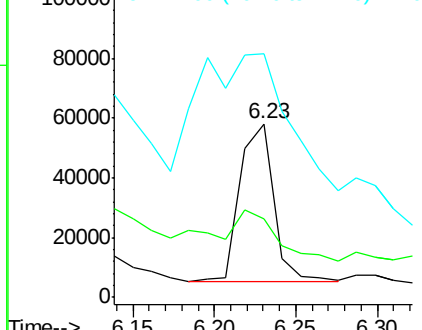
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 532

Delta R.T. 0.06 min

Lab File: BF081092.D

Acq: 19 Aug 2015 20:55

Tgt Ion: 136 Resp: 150389

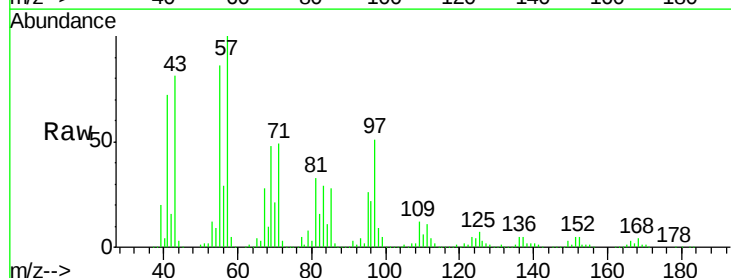
Ion Ratio Lower Upper

136 100

137 96.9 8.2 12.2#

54 173.5 7.7 11.5#

68 182.8 3.4 5.2#

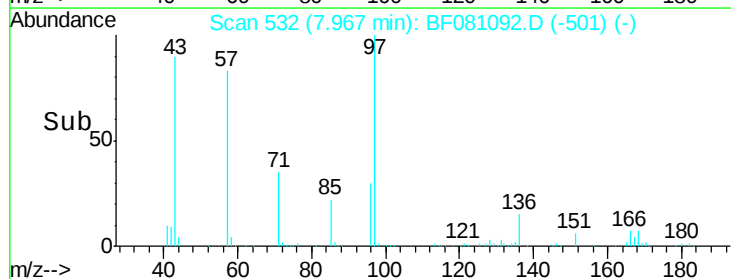
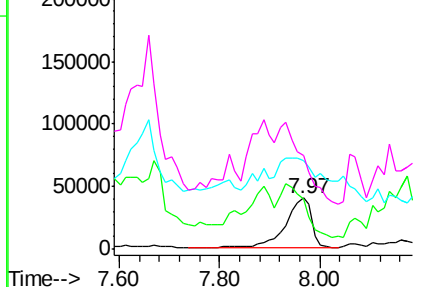


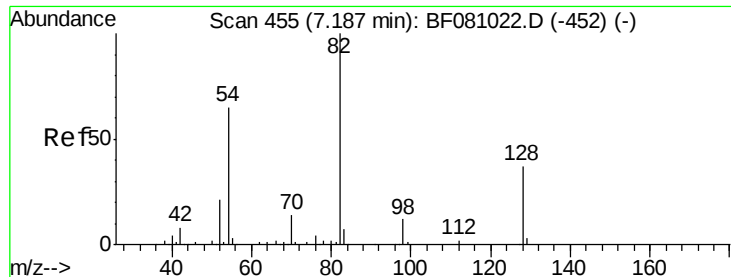
Abundance Ion 136.00 (135.70 to 136.70): E

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





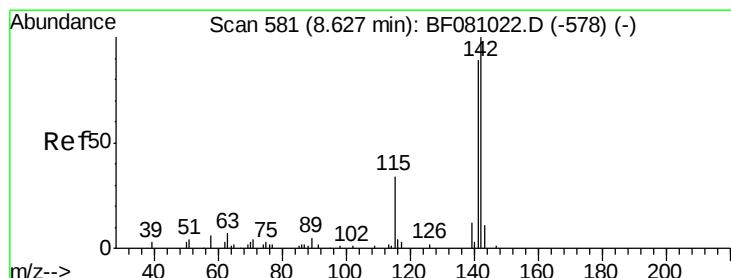
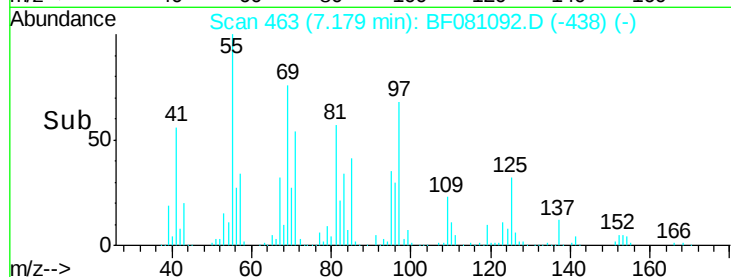
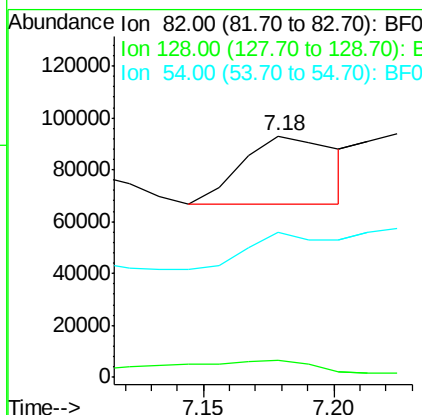
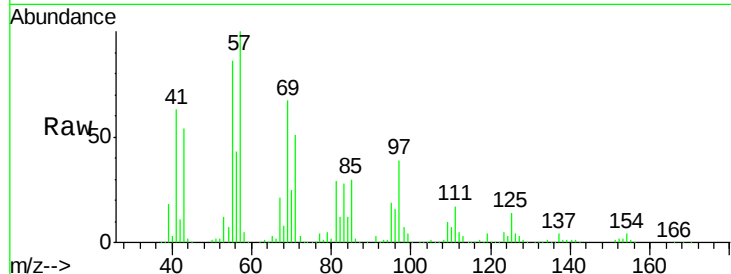
#23
Nitrobenzene-d5
Concen: 20.03 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF081092.D
Acq: 19 Aug 2015 20:55

Instrument :
BNA_F
ClientSampleId :
LAR9832

Tgt Ion	Ratio	Lower	Upper
82	100		
128	7.3	28.6	42.8#
54	60.2	55.1	82.7

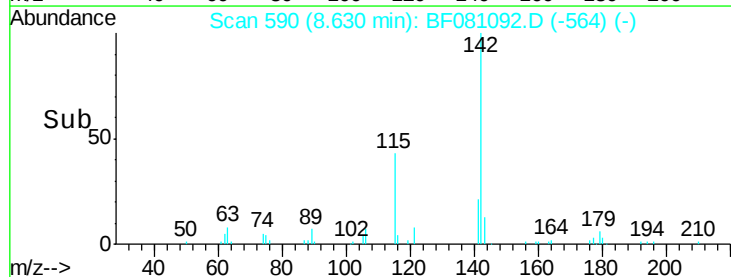
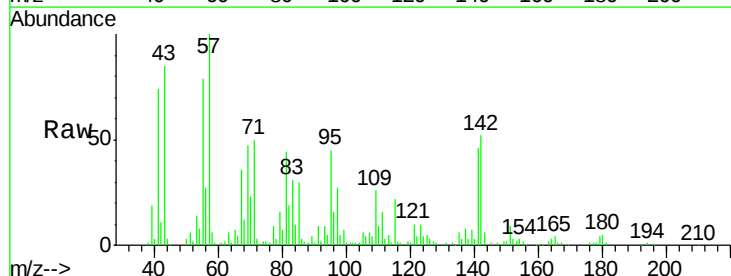
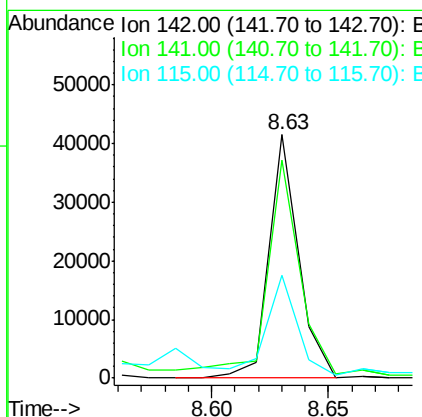
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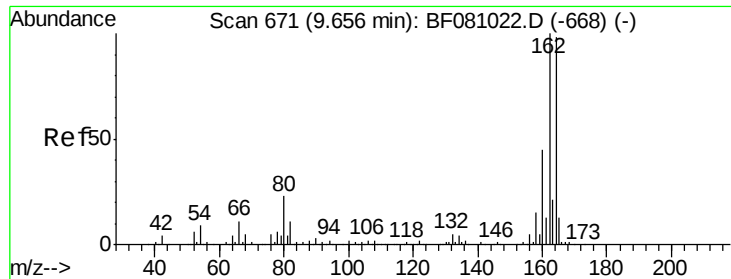
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#37
2-Methylnaphthalene
Concen: 6.96 ng m
RT: 8.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF081092.D
Acq: 19 Aug 2015 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	42.4	33.4	50.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF081092.D

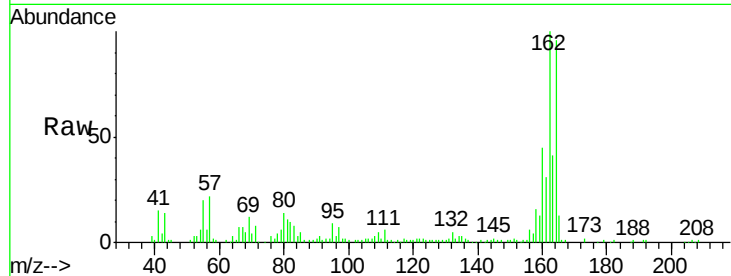
Acq: 19 Aug 2015 20:55

Instrument :

BNA_F

ClientSampleId :

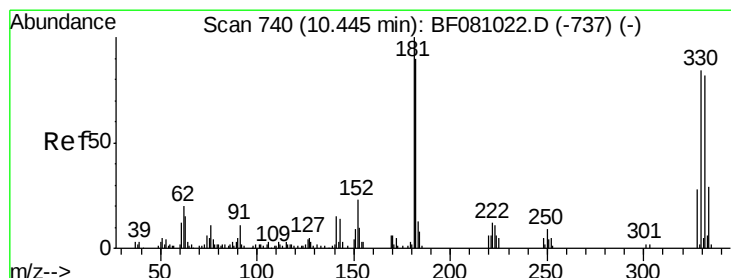
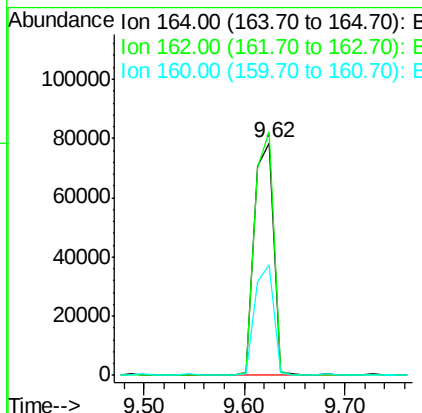
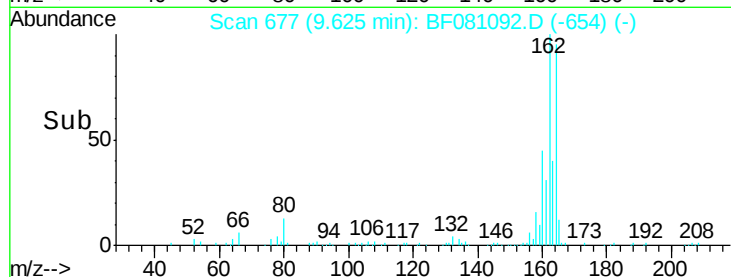
LAR9832



Tgt Ion:	164	Resp:	104801
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.8	125.8
160	47.3	39.8	59.8

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#41

2,4,6-Tribromophenol

Concen: 12.34 ng

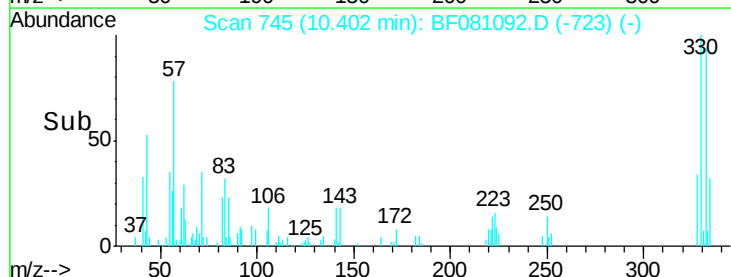
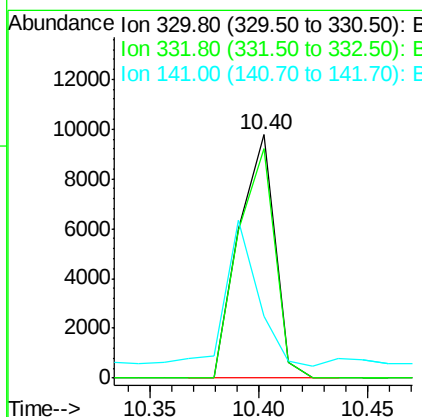
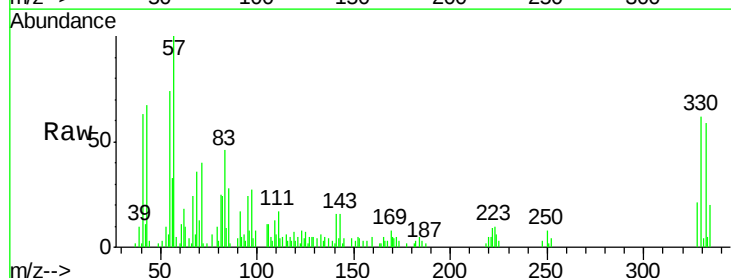
RT: 10.40 min Scan# 745

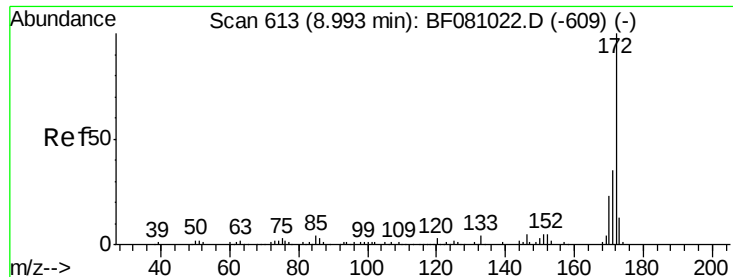
Delta R.T. -0.04 min

Lab File: BF081092.D

Acq: 19 Aug 2015 20:55

Tgt Ion:	330	Resp:	11209
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.3	115.9
141	54.6	44.9	67.3





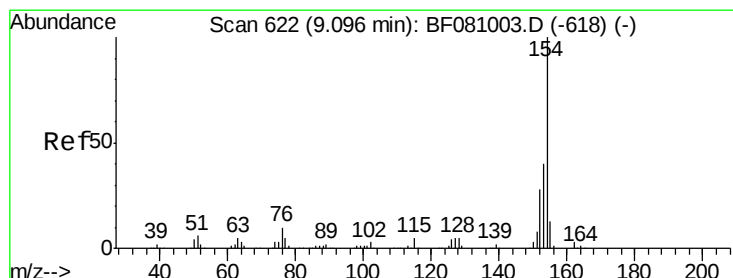
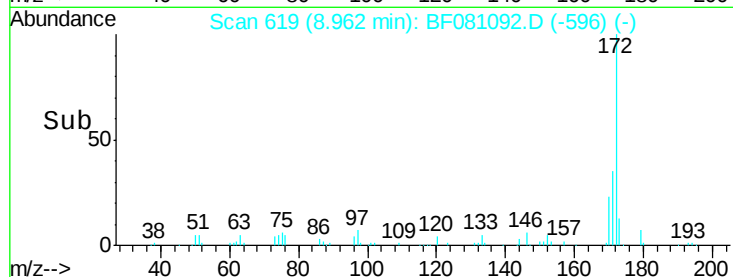
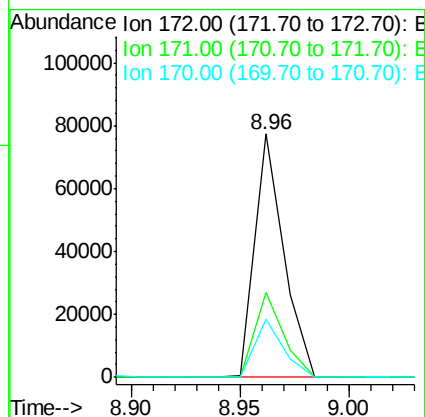
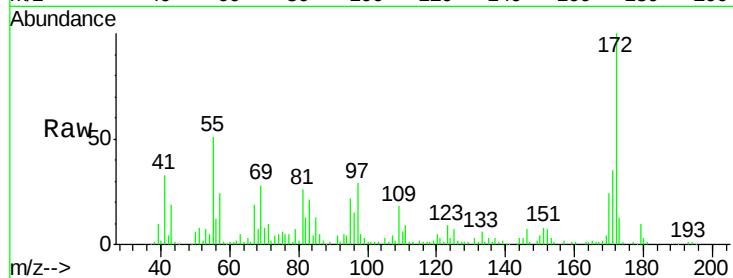
#44
 2-Fluorobiphenyl
 Concen: 8.95 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF081092.D
 Acq: 19 Aug 2015 20:55

Instrument :
 BNA_F
 ClientSampled :
 LAR9832

Tgt Ion:	172	Resp:	71617
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.9	43.3
170	23.6	19.4	29.2

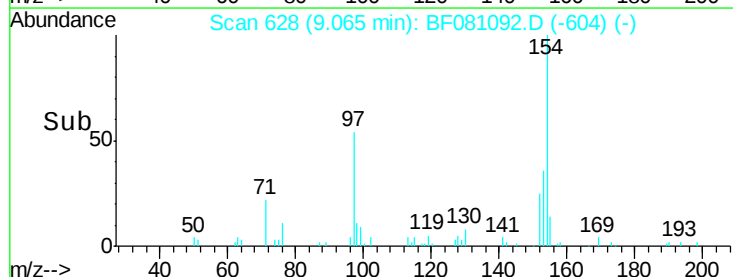
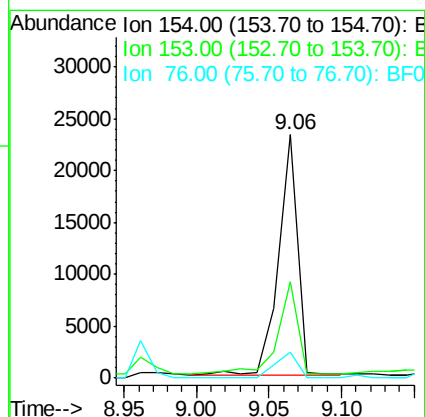
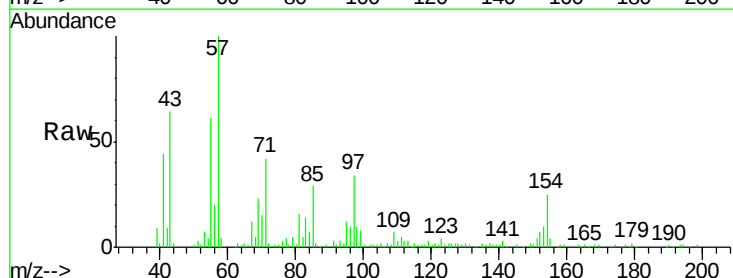
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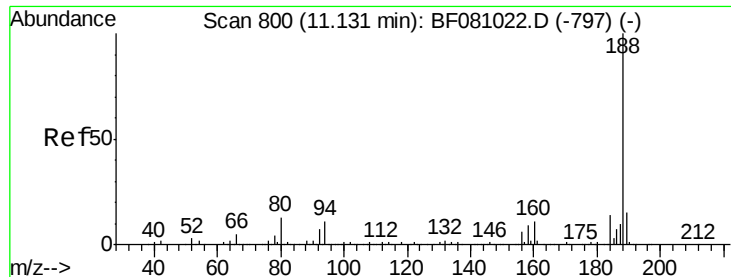
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#45
 1,1'-Biphenyl
 Concen: 2.26 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF081092.D
 Acq: 19 Aug 2015 20:55

Tgt Ion:	154	Resp:	20863
Ion Ratio	Lower	Upper	
154	100		
153	39.5	19.5	59.5
76	10.5	0.0	29.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081092.D

Acq: 19 Aug 2015 20:55

Instrument :

BNA_F

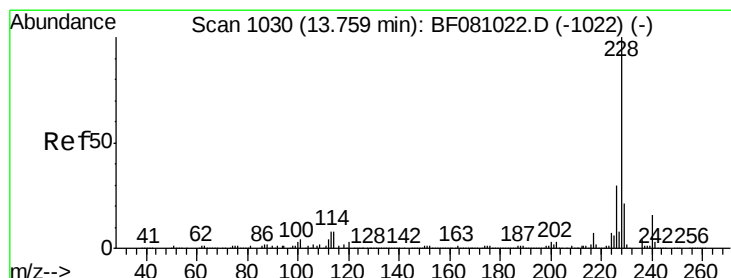
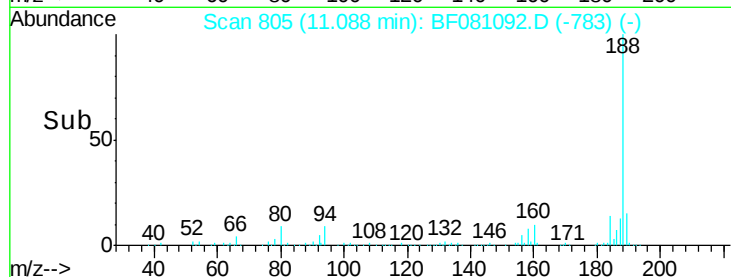
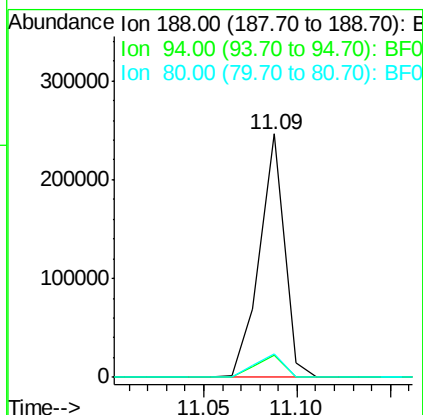
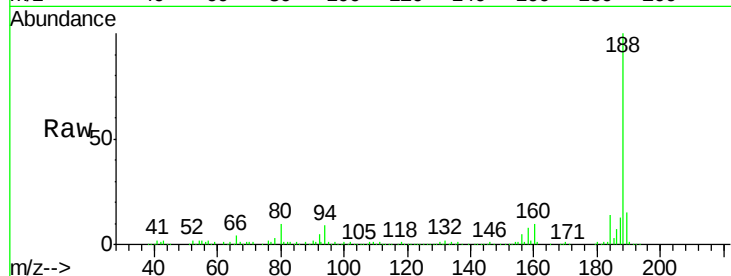
ClientSampleId :

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Tgt	Ion:188	Resp:	227434
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.6	9.5	14.3

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#75

Chrysene-d12

Concen: 20.00 ng

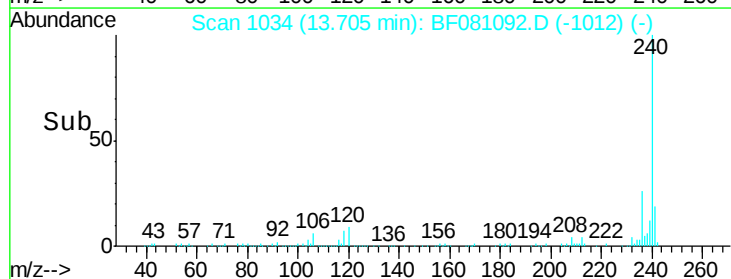
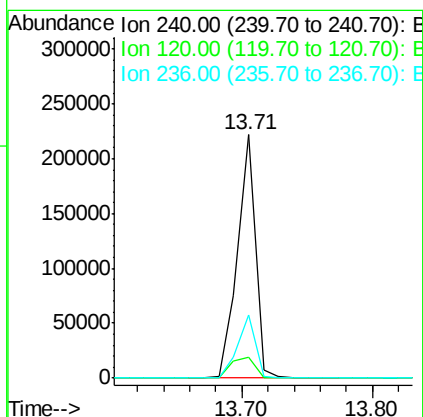
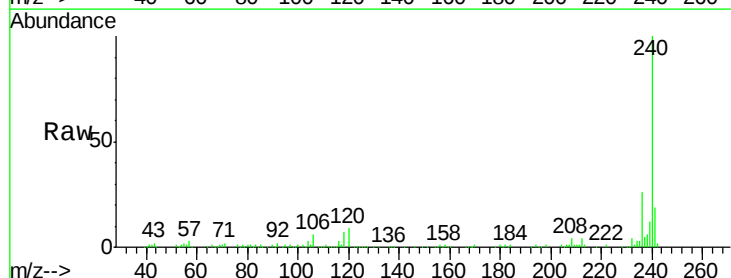
RT: 13.71 min Scan# 1034

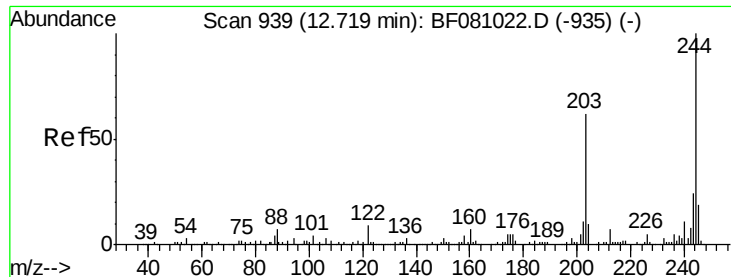
Delta R.T. -0.04 min

Lab File: BF081092.D

Acq: 19 Aug 2015 20:55

Tgt	Ion:240	Resp:	211338
Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.6	8.4#
236	26.0	20.6	30.8





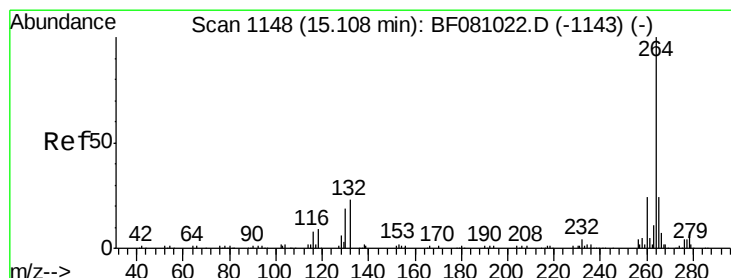
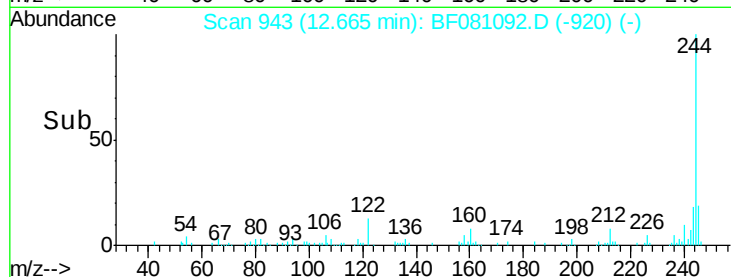
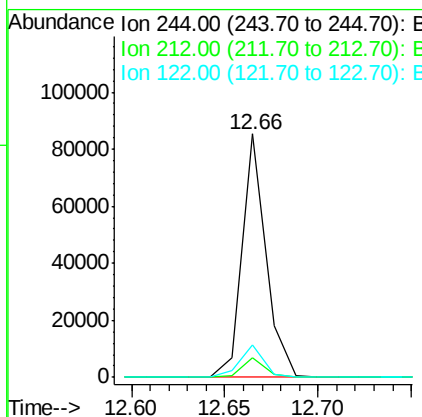
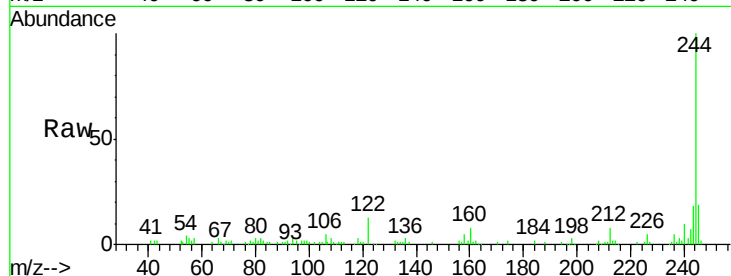
#78
 Terphenyl-d14
 Concen: 7.70 ng
 RT: 12.66 min Scan# 943
 Delta R.T. -0.04 min
 Lab File: BF081092.D
 Acq: 19 Aug 2015 20:55

Instrument :
 BNA_F
 ClientSampleId :
 LAR9832

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	5.8	8.8
122	13.1	8.2	12.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081092.D
 Acq: 19 Aug 2015 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.4	19.6	29.4
265	21.8	17.5	26.3

