

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080663.D
 Acq On : 25 Jul 2015 11:18
 Operator : TP/UM
 Sample : G3053-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-07212015

Manual Integrations
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Quant Time: Jul 27 02:32:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	47066	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	161986	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	82743	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	155651	20.00	ng	0.00
75) Chrysene-d12	14.26	240	139421	20.00	ng	0.10
86) Perylene-d12	15.93	264	155623	20.00	ng	0.19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	104325m	37.32	ng	0.01
7) Phenol-d6	6.54	99	73722	22.08	ng	0.00
23) Nitrobenzene-d5	7.49	82	262467	81.38	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	67747	91.13	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	435910	81.28	ng	-0.01
78) Terphenyl-d14	13.08	244	451377	69.71	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.34	79	11464m	3.87	ng	
6) Aniline	6.58	93	107909	22.84	ng	99
8) 2-Chlorophenol	6.70	128	65544	21.35	ng	98
12) 1,3-Dichlorobenzene	6.86	146	9467m	2.86	ng	
13) 1,4-Dichlorobenzene	6.94	146	66536	19.38	ng	97
14) 1,2-Dichlorobenzene	7.10	146	420474	124.52	ng	99
20) 3+4-Methylphenols	7.32	107	29745	9.39	ng	# 23
24) Nitrobenzene	7.50	77	59517	18.51	ng	98
49) Dimethylphthalate	9.69	163	23713	4.01	ng	99

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

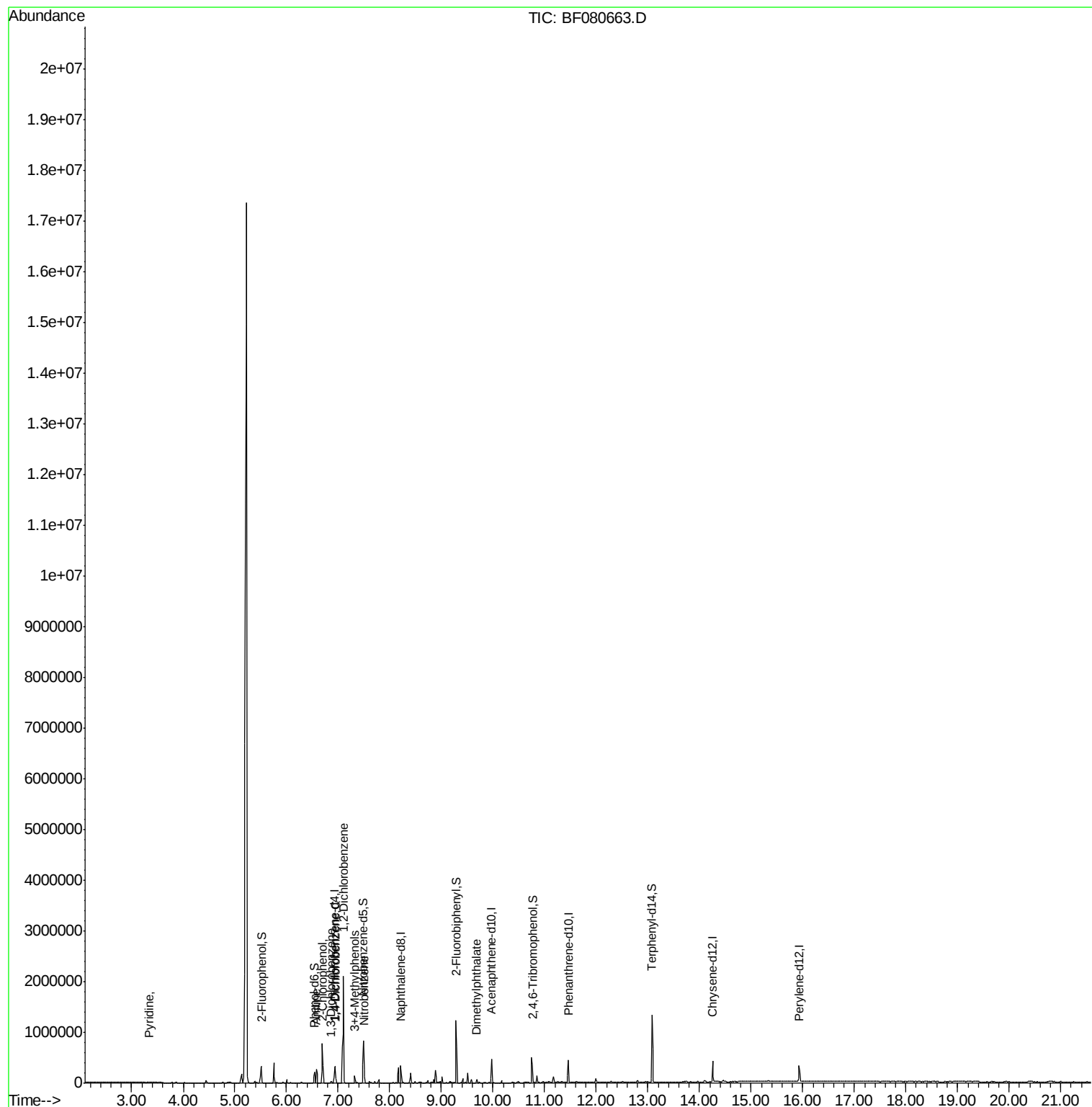
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080663.D
Acq On : 25 Jul 2015 11:18
Operator : TP/UM
Sample : G3053-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

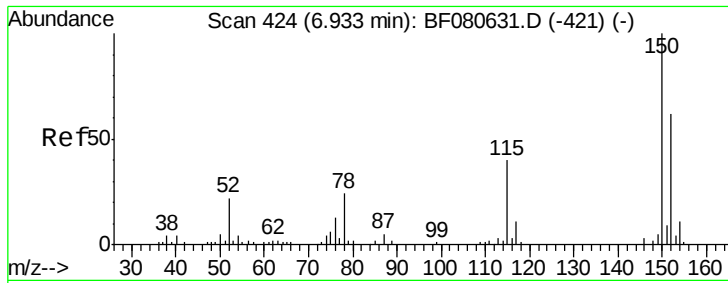
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jul 27 02:32:27 2015
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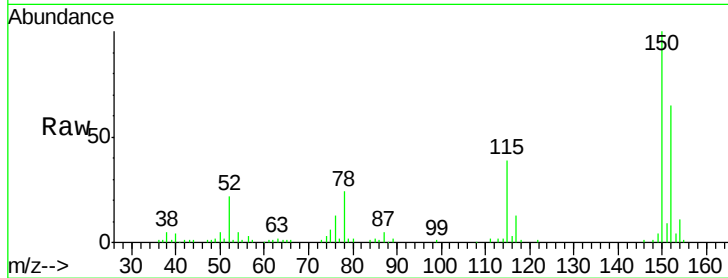




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

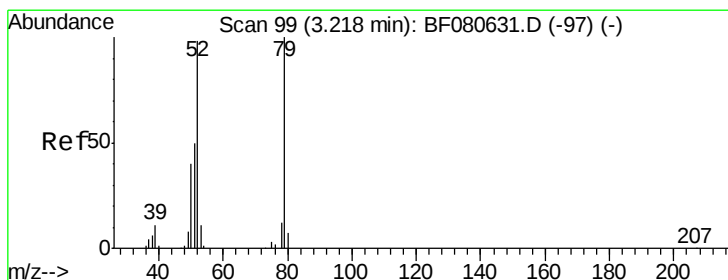
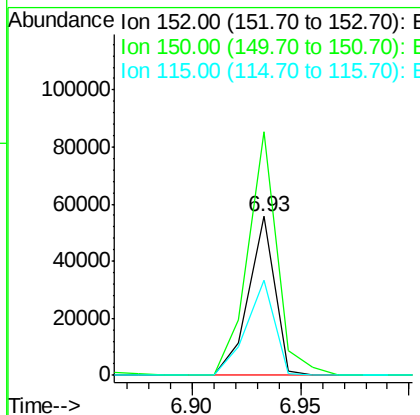
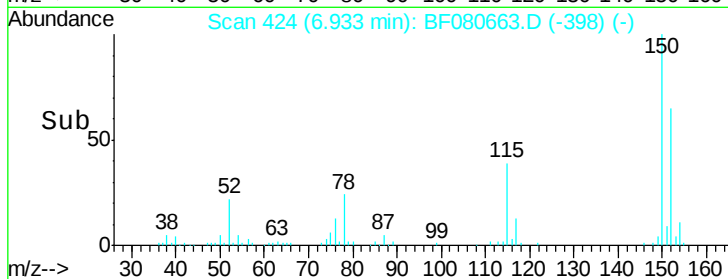
Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	128.9	193.3
115	59.9	51.0	76.6

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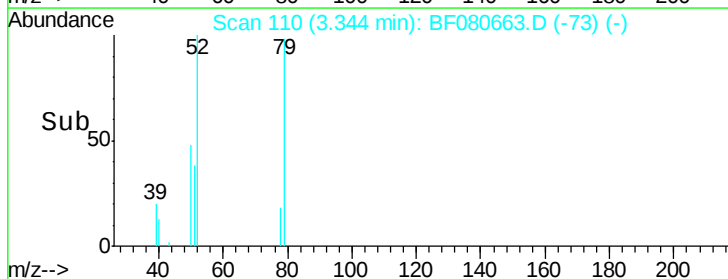
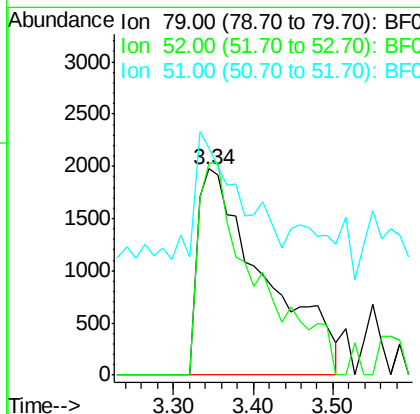
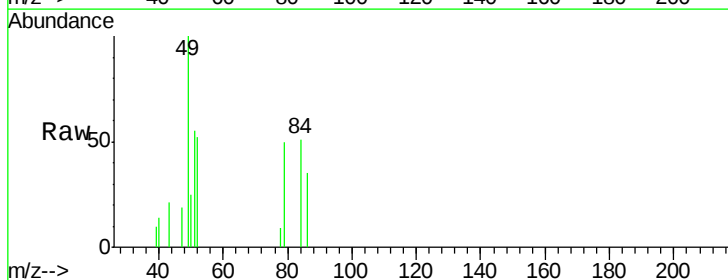
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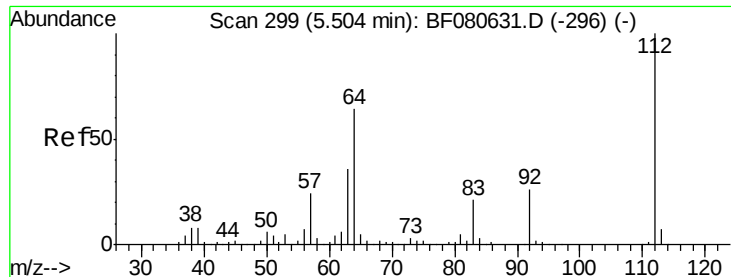


#3

Pyridine
Concen: 3.87 ng m
RT: 3.34 min Scan# 110
Delta R.T. 0.13 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

Tgt Ion	Ratio	Lower	Upper
79	100		
52	102.5	78.8	118.2
51	110.1	41.4	62.2





#5

2-Fluorophenol

Concen: 37.32 ng m

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF080663.D

Acq: 25 Jul 2015 11:18

Instrument :

BNA_F

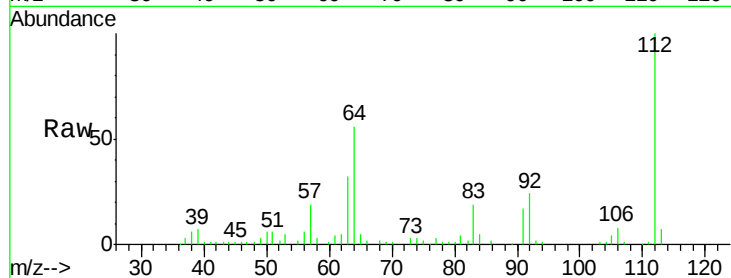
ClientSampleId :

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Tgt Ion:	112	Resp:	104325
Ion Ratio	Lower	Upper	
112	100		
64	56.1	51.2	76.8
63	32.3	29.0	43.6

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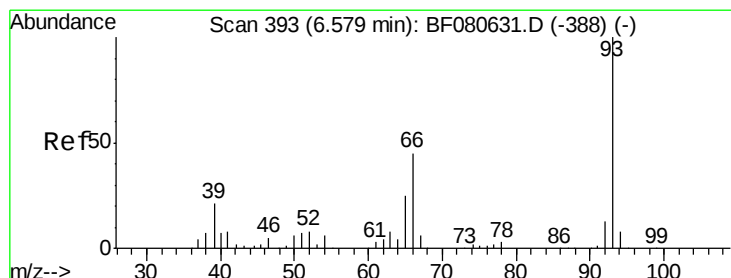
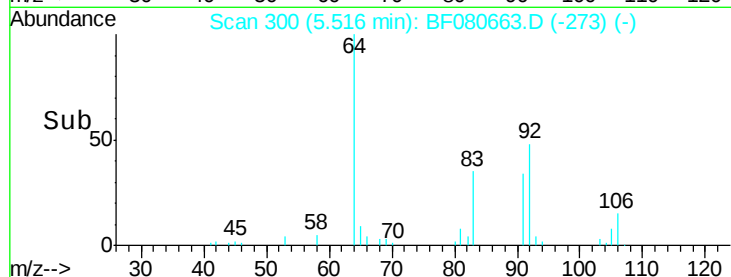
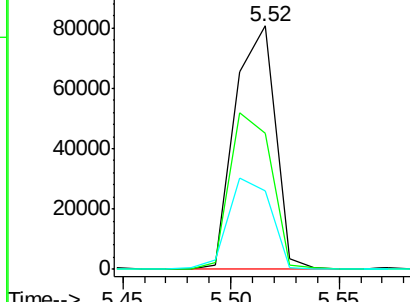
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.84 ng

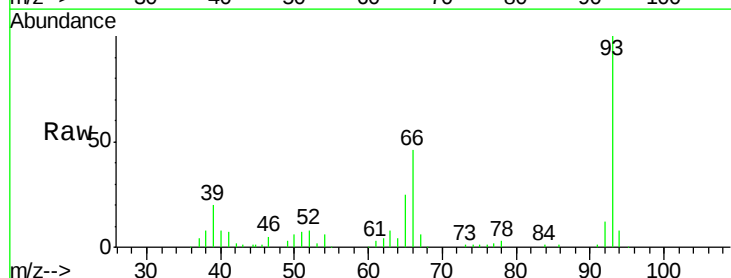
RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080663.D

Acq: 25 Jul 2015 11:18

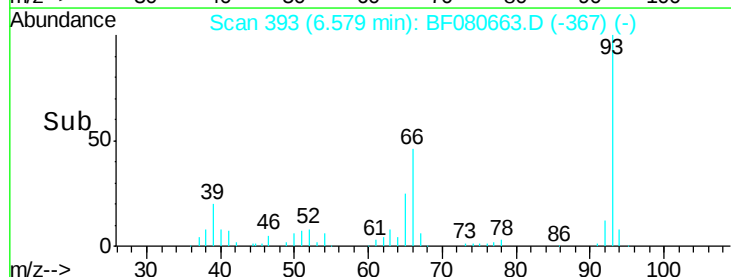
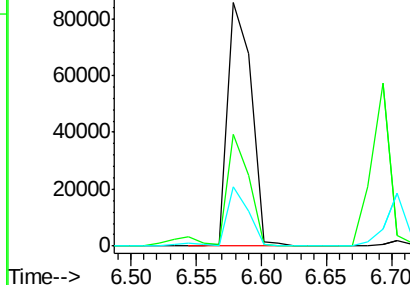
Tgt Ion:	93	Resp:	107909
Ion Ratio	Lower	Upper	
93	100		
66	45.8	36.3	54.5
65	24.5	19.9	29.9

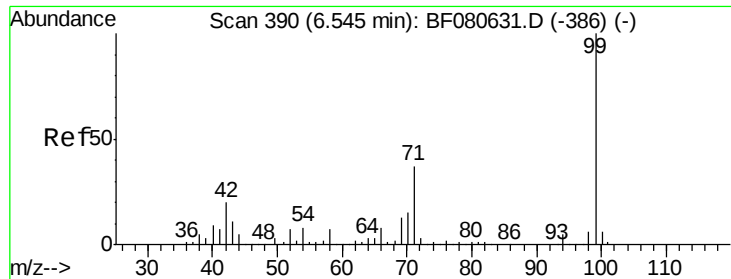


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 22.08 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080663.D

Acq: 25 Jul 2015 11:18

Instrument :

BNA_F

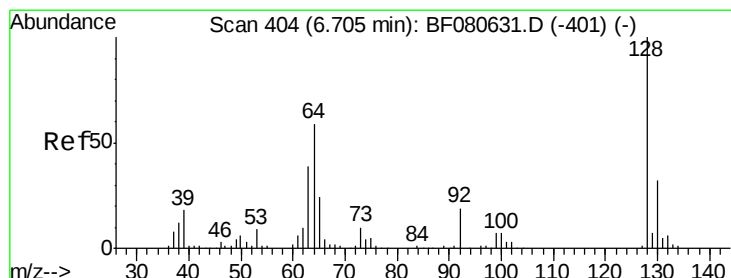
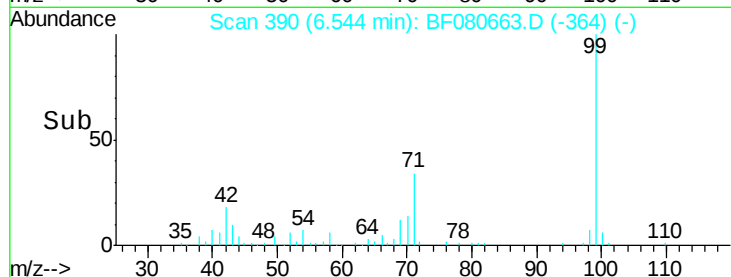
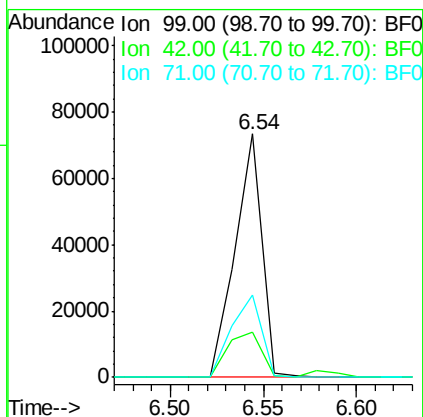
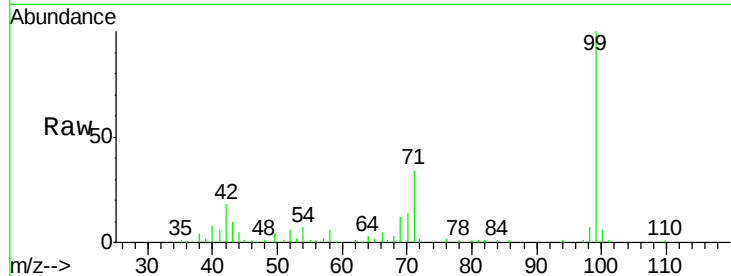
ClientSampleId :

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Tgt Ion:	99	Resp:	73722
Ion Ratio	Lower	Upper	
99	100		
42	18.3	16.3	24.5
71	33.9	29.7	44.5

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#8

2-Chlorophenol

Concen: 21.35 ng

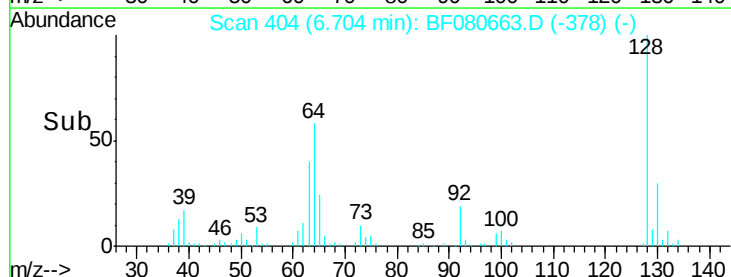
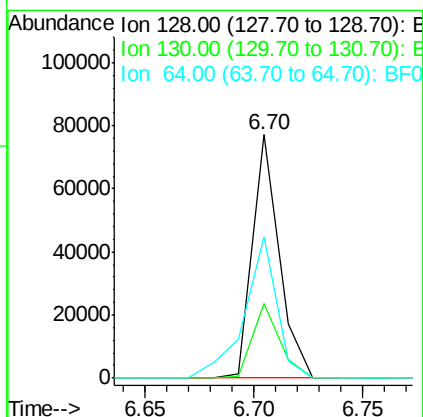
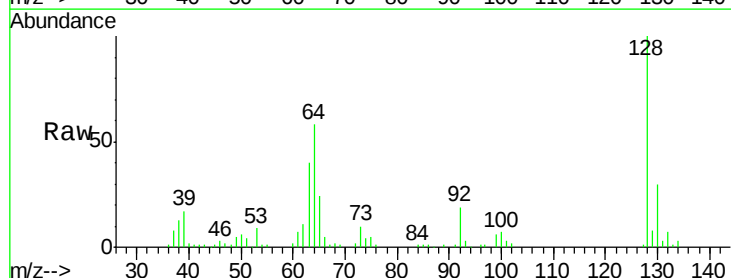
RT: 6.70 min Scan# 404

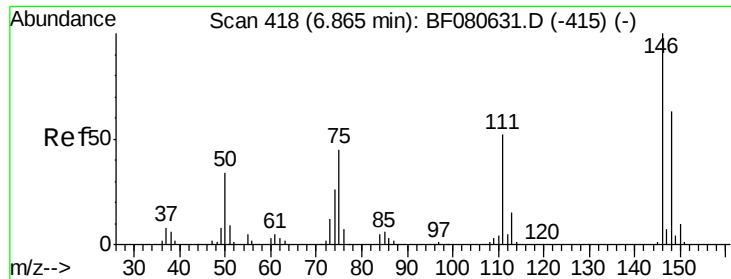
Delta R.T. -0.00 min

Lab File: BF080663.D

Acq: 25 Jul 2015 11:18

Tgt Ion:	128	Resp:	65544
Ion Ratio	Lower	Upper	
128	100		
130	30.4	12.3	52.3
64	57.9	38.9	78.9





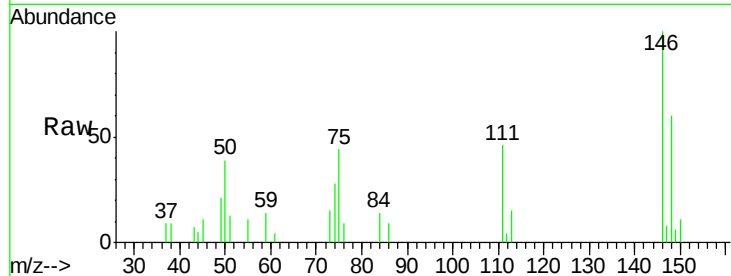
#12
 1,3-Dichlorobenzene
 Concen: 2.86 ng m
 RT: 6.86 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF080663.D
 Acq: 25 Jul 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-07212015

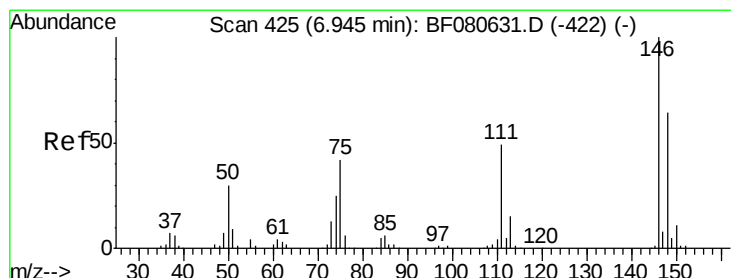
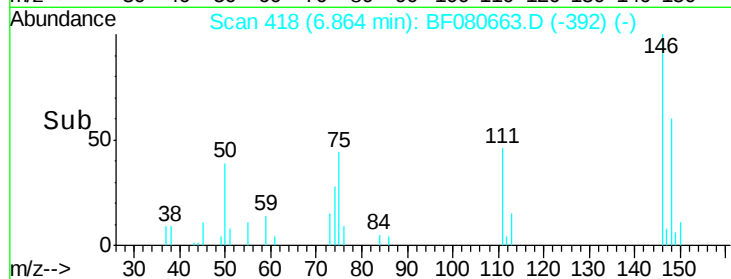
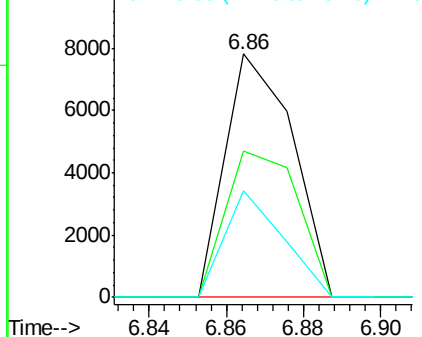
Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.9	50.2	75.2
75	43.9	36.3	54.5

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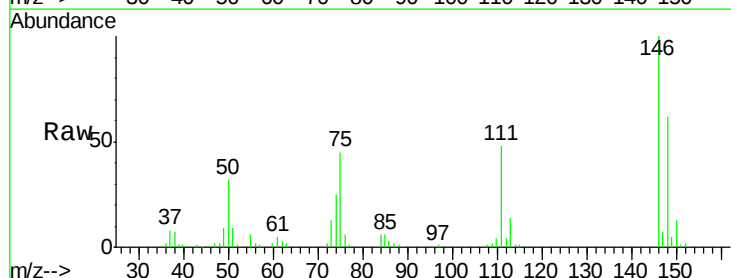


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

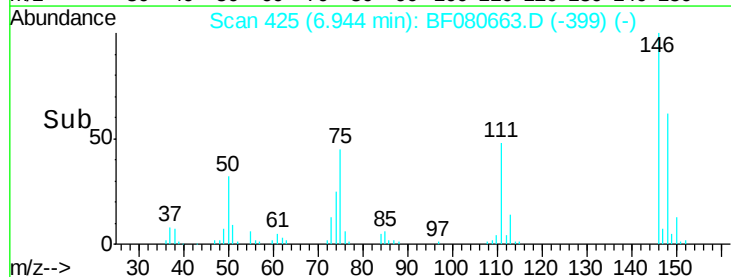
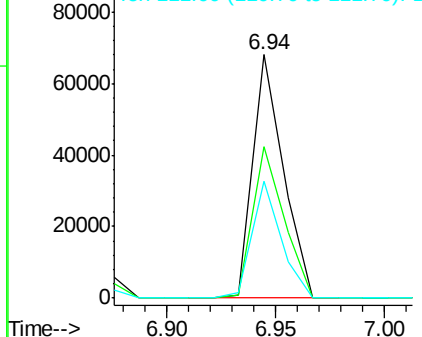


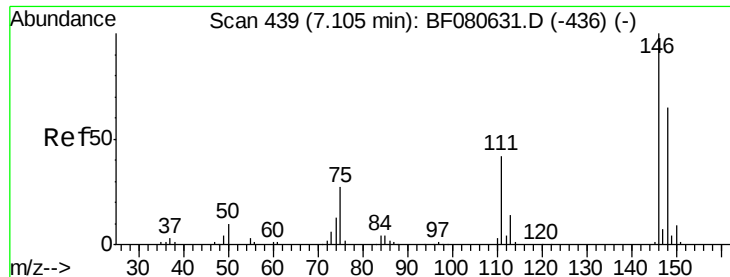
#13
 1,4-Dichlorobenzene
 Concen: 19.38 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF080663.D
 Acq: 25 Jul 2015 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.2
111	47.9	39.5	59.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 124.52 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080663.D

Acq: 25 Jul 2015 11:18

Instrument :

BNA_F

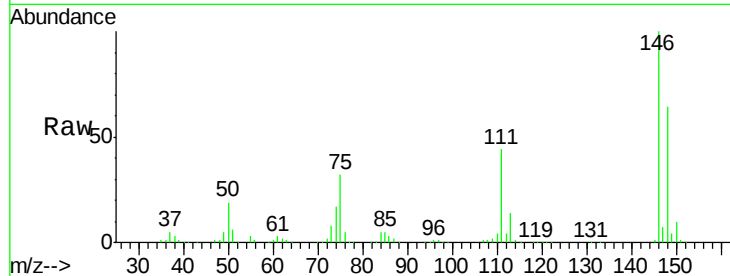
ClientSampleId :

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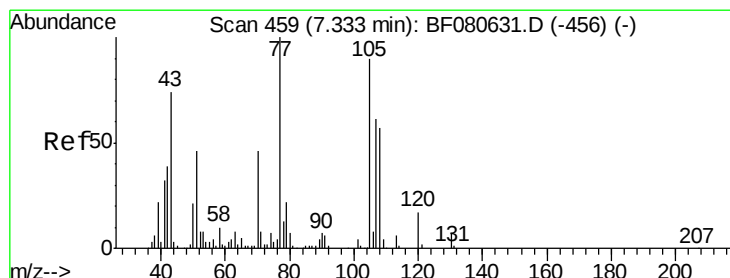
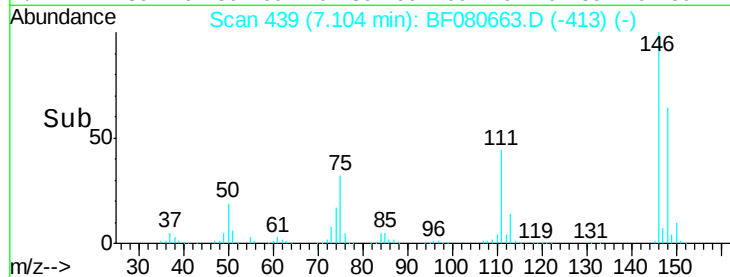
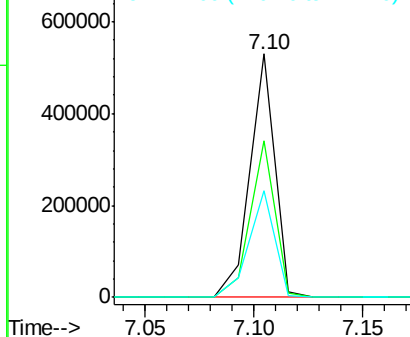
Tgt Ion:	146	Resp:	420474
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.6	77.4
111	44.0	33.4	50.0

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#20

3+4-Methylphenols

Concen: 9.39 ng

RT: 7.32 min Scan# 458

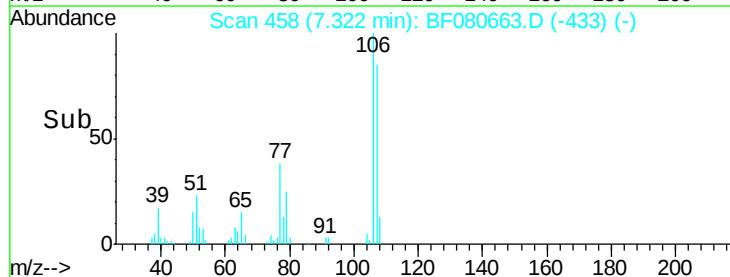
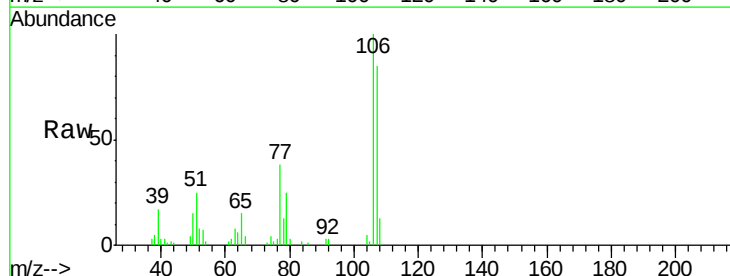
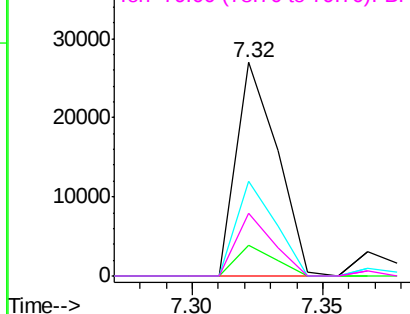
Delta R.T. -0.01 min

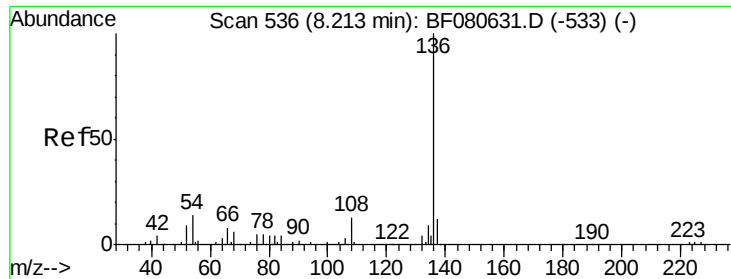
Lab File: BF080663.D

Acq: 25 Jul 2015 11:18

Tgt Ion:	107	Resp:	29745
Ion Ratio	Lower	Upper	
107	100		
108	14.6	73.5	113.5#
77	44.4	142.7	182.7#
79	29.3	15.7	55.7

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





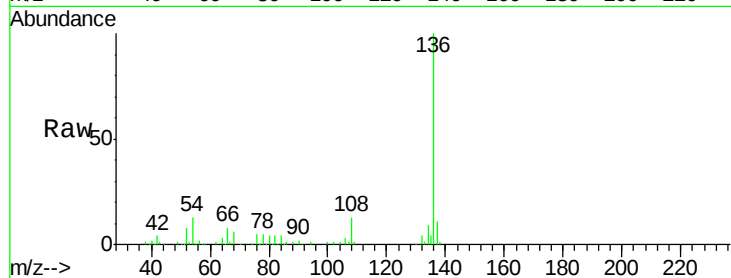
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

Instrument :
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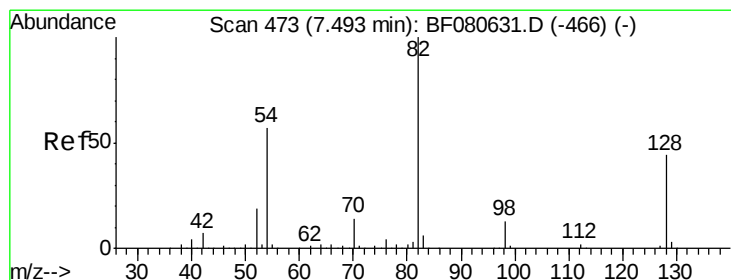
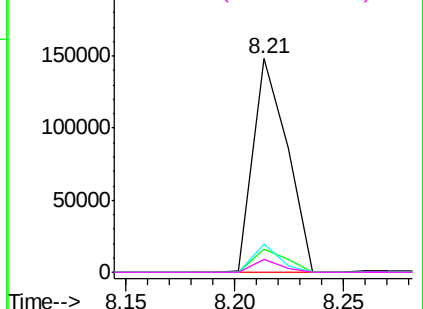
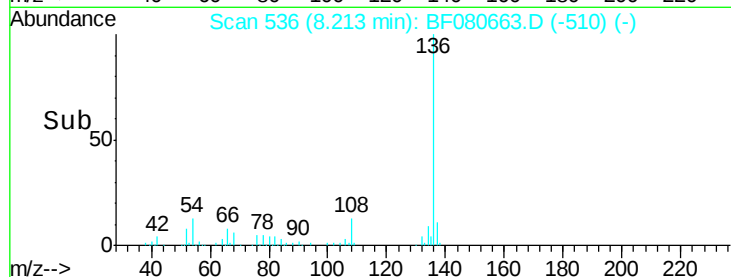
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	161986		
137	10.8	9.3	13.9	
54	13.4	11.6	17.4	
68	6.3	5.0	7.4	

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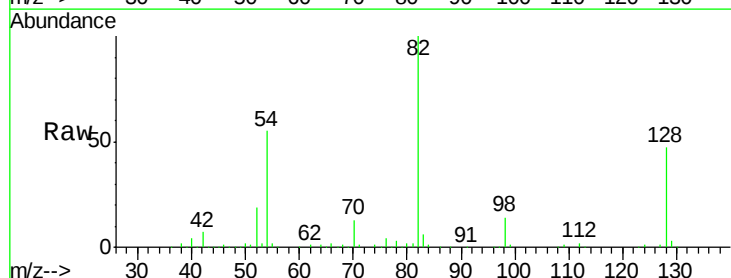


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

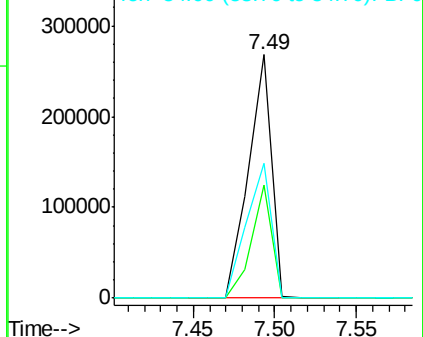
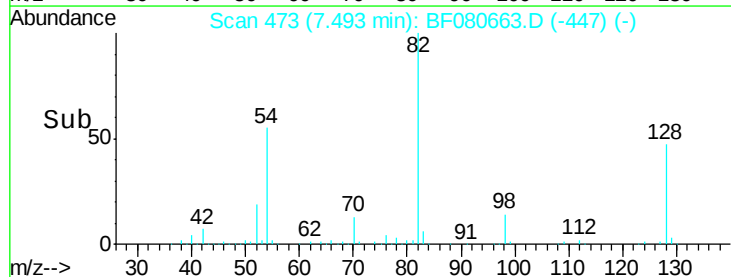


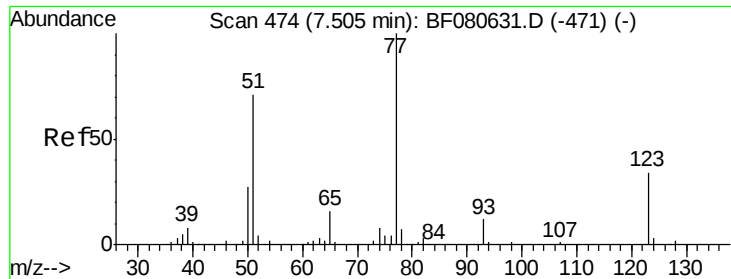
#23
Nitrobenzene-d5
Concen: 81.38 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	262467		
128	46.6	34.8	52.2	
54	55.3	45.4	68.0	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 18.51 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF080663.D

Acq: 25 Jul 2015 11:18

Instrument :

BNA_F

ClientSampleId :

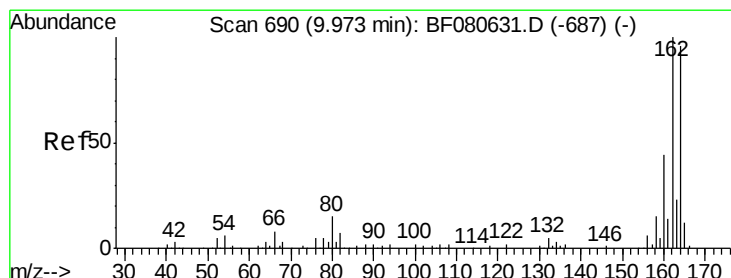
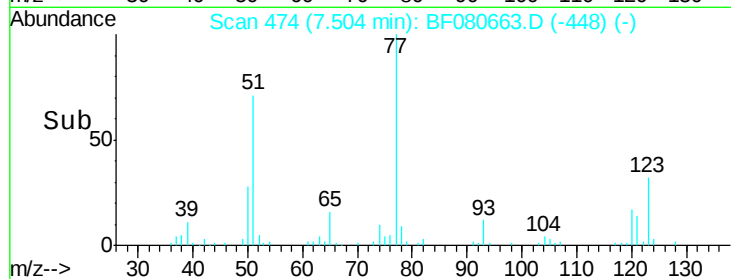
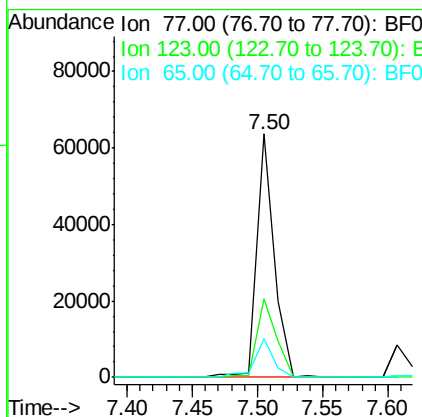
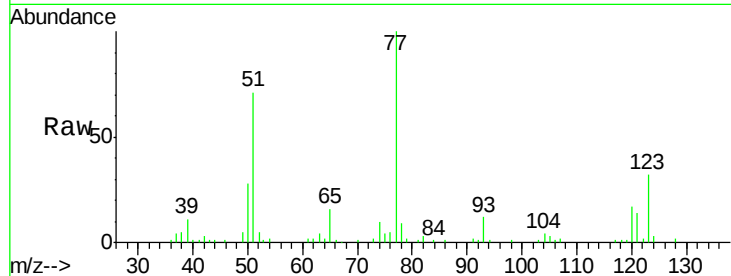
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Tgt Ion:	77	Resp:	59517
Ion Ratio	Lower	Upper	
77	100		
123	32.5	27.1	40.7
65	16.1	12.6	18.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

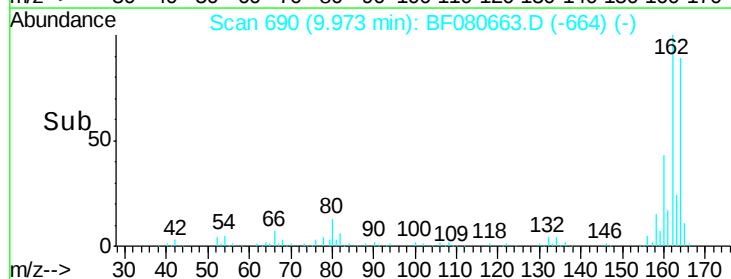
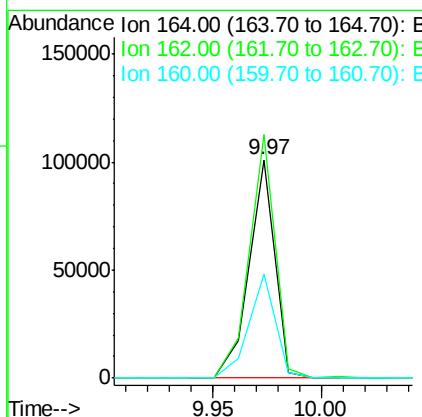
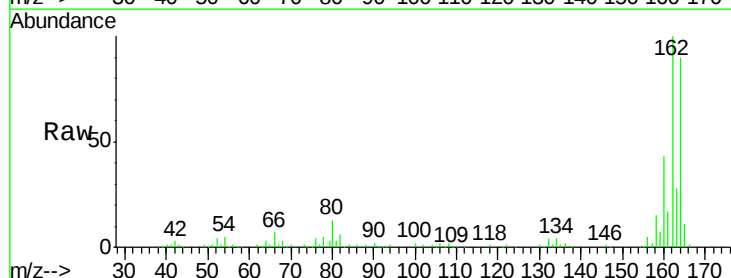
RT: 9.97 min Scan# 690

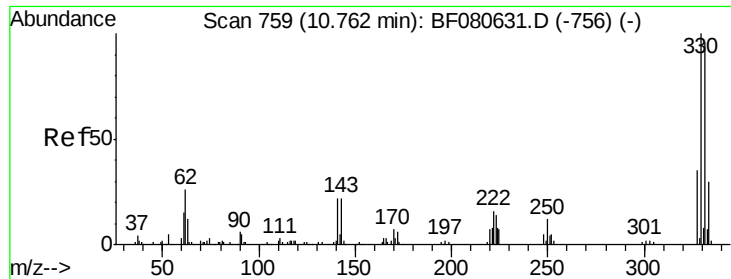
Delta R.T. -0.00 min

Lab File: BF080663.D

Acq: 25 Jul 2015 11:18

Tgt Ion:	164	Resp:	82743
Ion Ratio	Lower	Upper	
164	100		
162	111.6	83.3	124.9
160	48.0	36.9	55.3





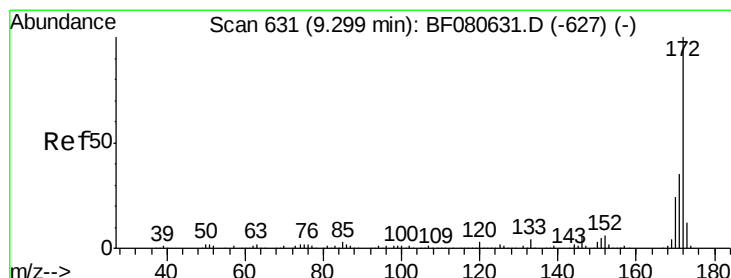
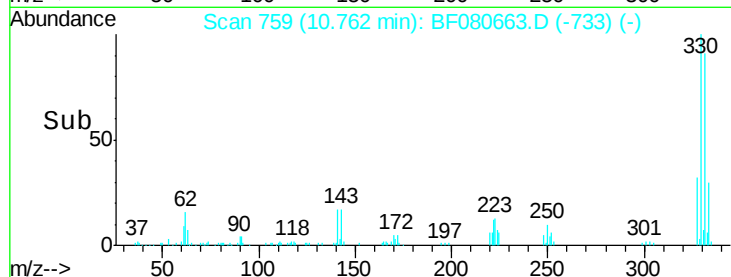
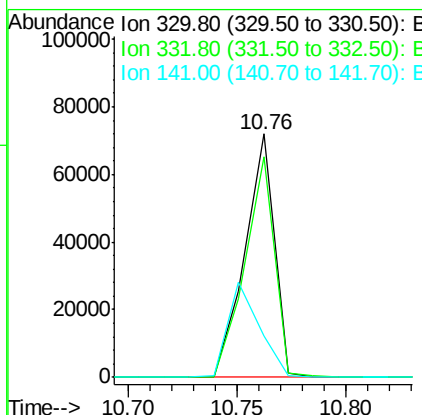
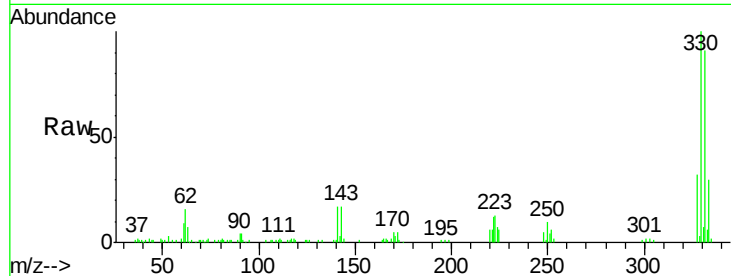
#41
 2,4,6-Tribromophenol
 Concen: 91.13 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080663.D
 Acq: 25 Jul 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-07212015

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	67747		
332	91.2	76.7	115.1	
141	41.8	32.7	49.1	

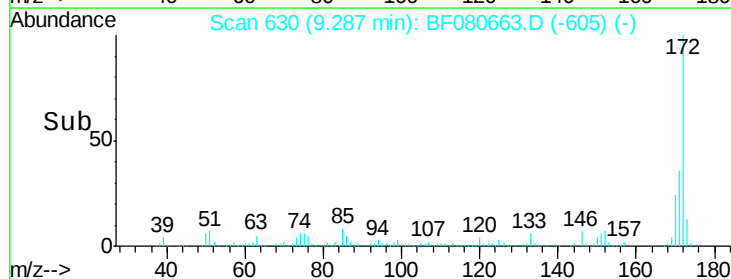
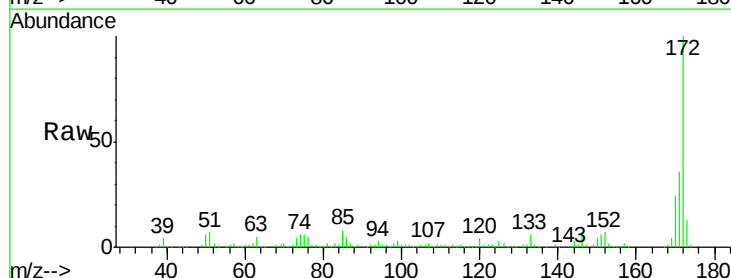
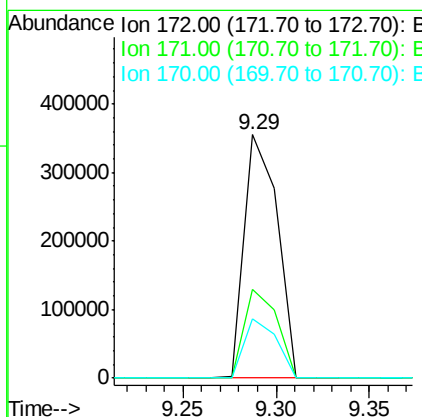
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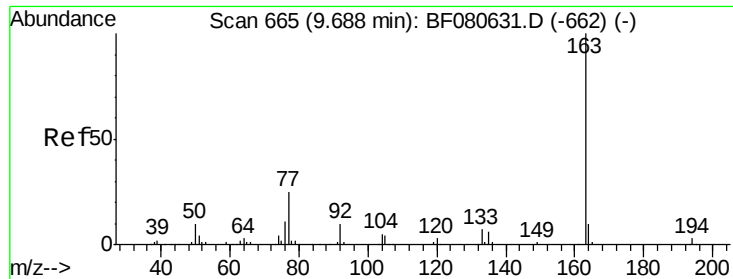
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#44
 2-Fluorobiphenyl
 Concen: 81.28 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080663.D
 Acq: 25 Jul 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	435910		
171	36.5	27.7	41.5	
170	24.3	19.0	28.4	





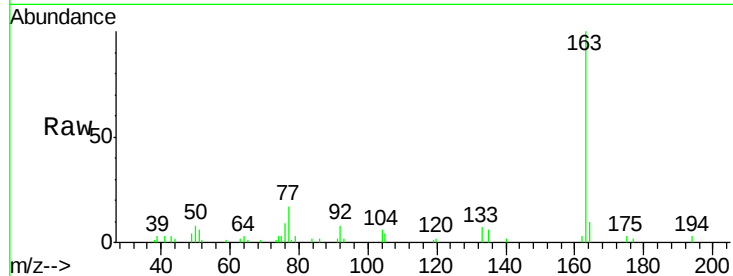
#49
Dimethylphthalate
Concen: 4.01 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

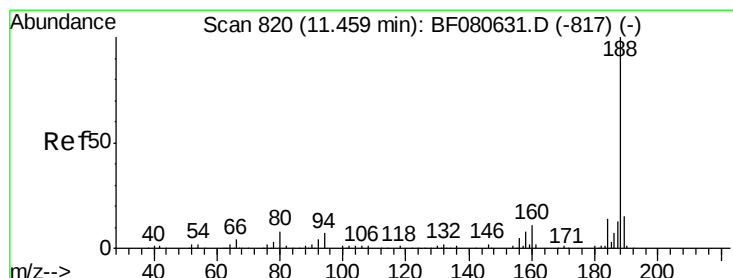
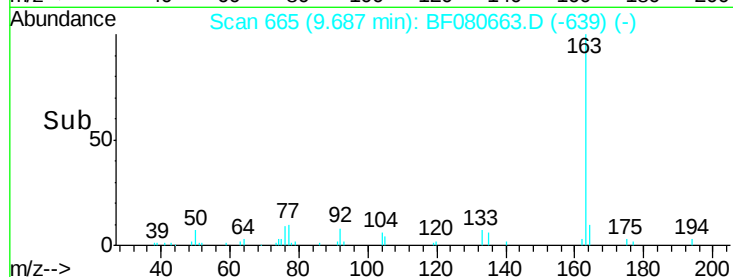
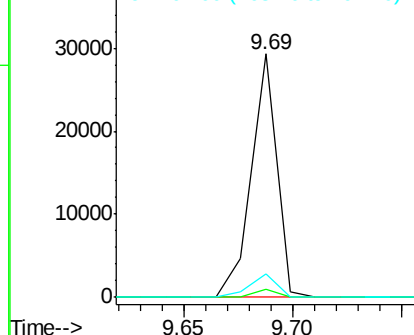
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	23713		
194	3.4	2.5	3.7	
164	9.8	8.0	12.0	

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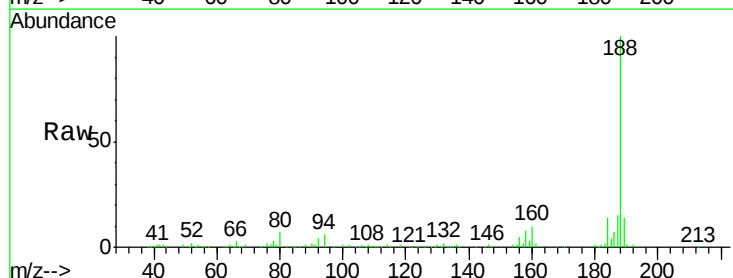


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

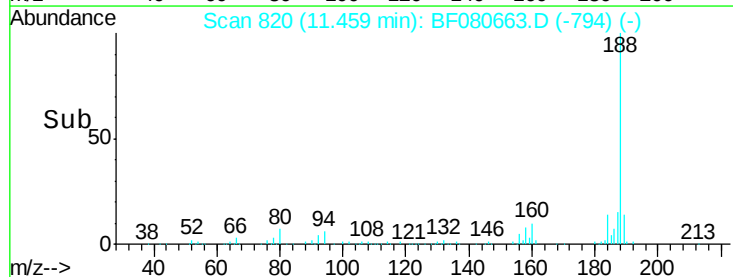
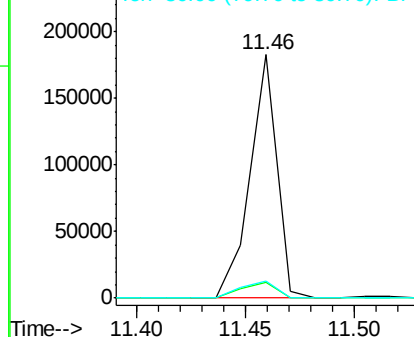


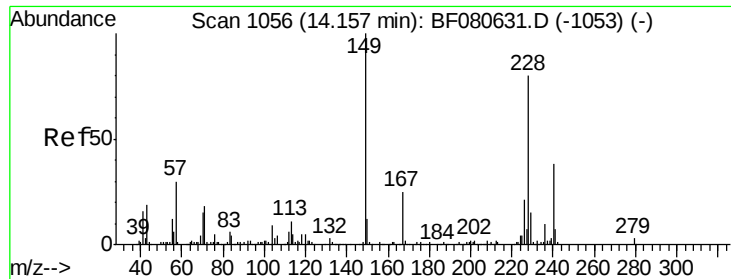
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	155651		
94	6.4	5.6	8.4	
80	6.8	6.1	9.1	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





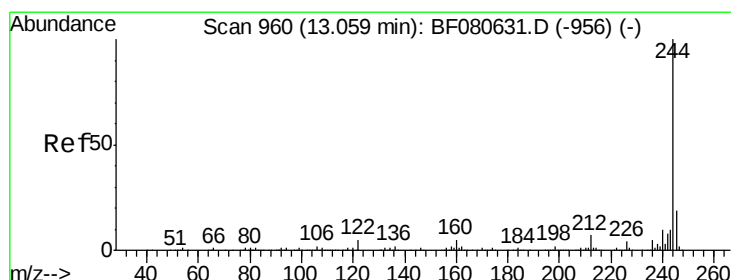
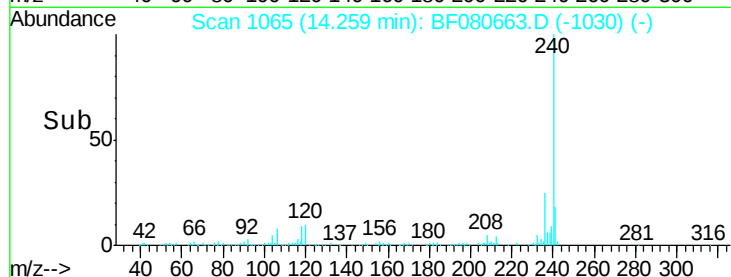
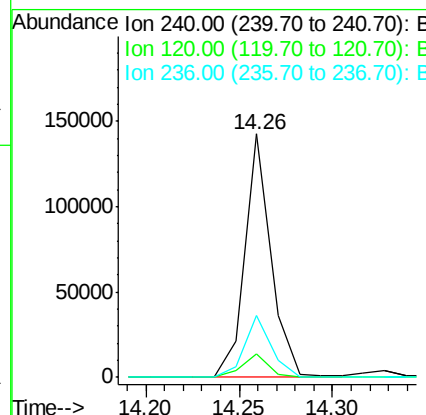
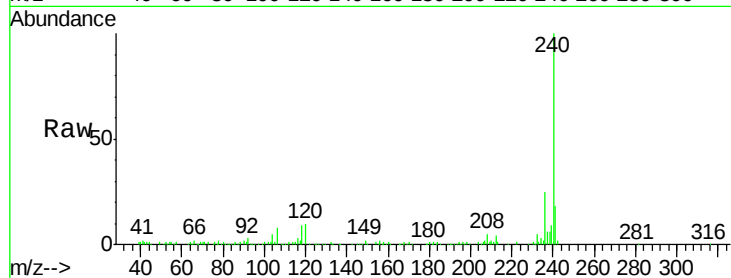
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.26 min Scan# 1065
Delta R.T. 0.10 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.9	10.8	16.2#
236	25.4	20.3	30.5

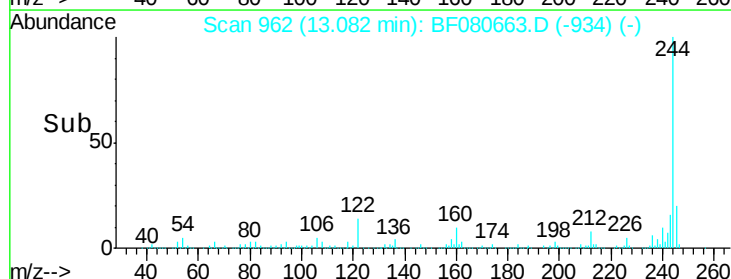
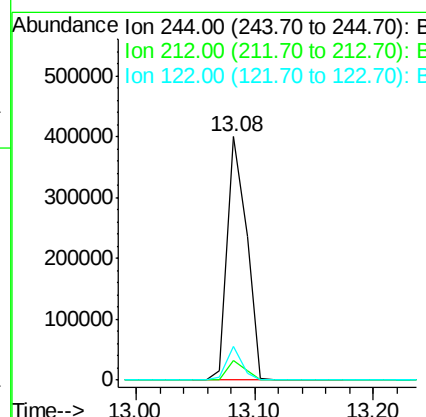
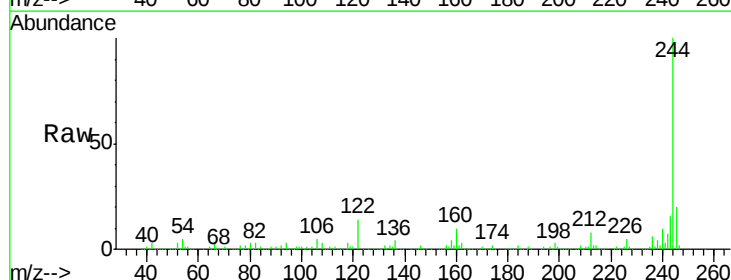
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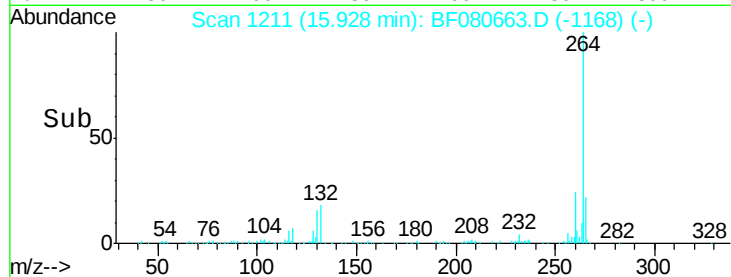
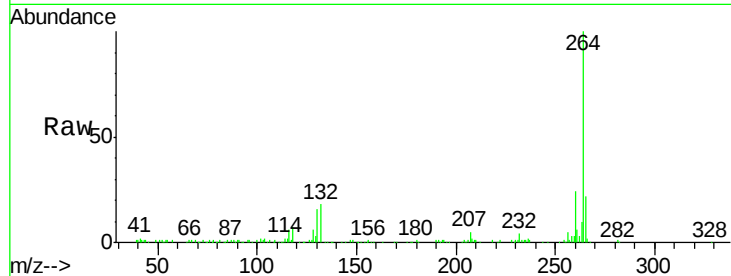
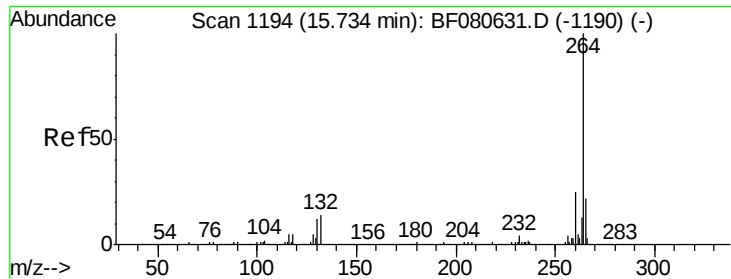
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#78
Terphenyl-d14
Concen: 69.71 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.3	5.2	7.8#
122	14.1	4.1	6.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1211
Delta R.T. 0.19 min
Lab File: BF080663.D
Acq: 25 Jul 2015 11:18

Instrument :
BNA_F
ClientSampleId :
SYSDIS-07212015

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	20.1	30.1
265	22.5	17.4	26.0

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