

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
 Data File : BF079845.D
 Acq On : 9 Jun 2015 21:39
 Operator : TP/IZ
 Sample : G2542-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0123

Manual Integrations
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Quant Time: Jun 10 02:02:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 15:11:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	51951	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	215350	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	107391	20.00	ng	0.00
63) Phenanthrene-d10	11.99	188	225662	20.00	ng	-0.01
75) Chrysene-d12	14.87	240	217272m	20.00	ng	-0.19
86) Perylene-d12	16.72	264	202327m	20.00	ng	-0.30
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	127770	40.53	ng	0.00
7) Phenol-d6	7.02	99	95512	23.42	ng	0.00
23) Nitrobenzene-d5	7.98	82	256297	68.75	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	107522	115.69	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	565392	74.05	ng	0.00
78) Terphenyl-d14	13.63	244	692186	71.82	ng	-0.10
Target Compounds						Qvalue
10) Phenol	7.03	94	36833	8.48	ng	94
17) 2-Methylphenol	7.64	107	11568	3.78	ng	94
27) 2,4-Dimethylphenol	8.33	122	8356	2.38	ng	92
49) Dimethylphthalate	10.17	163	26182	3.13	ng	# 99

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

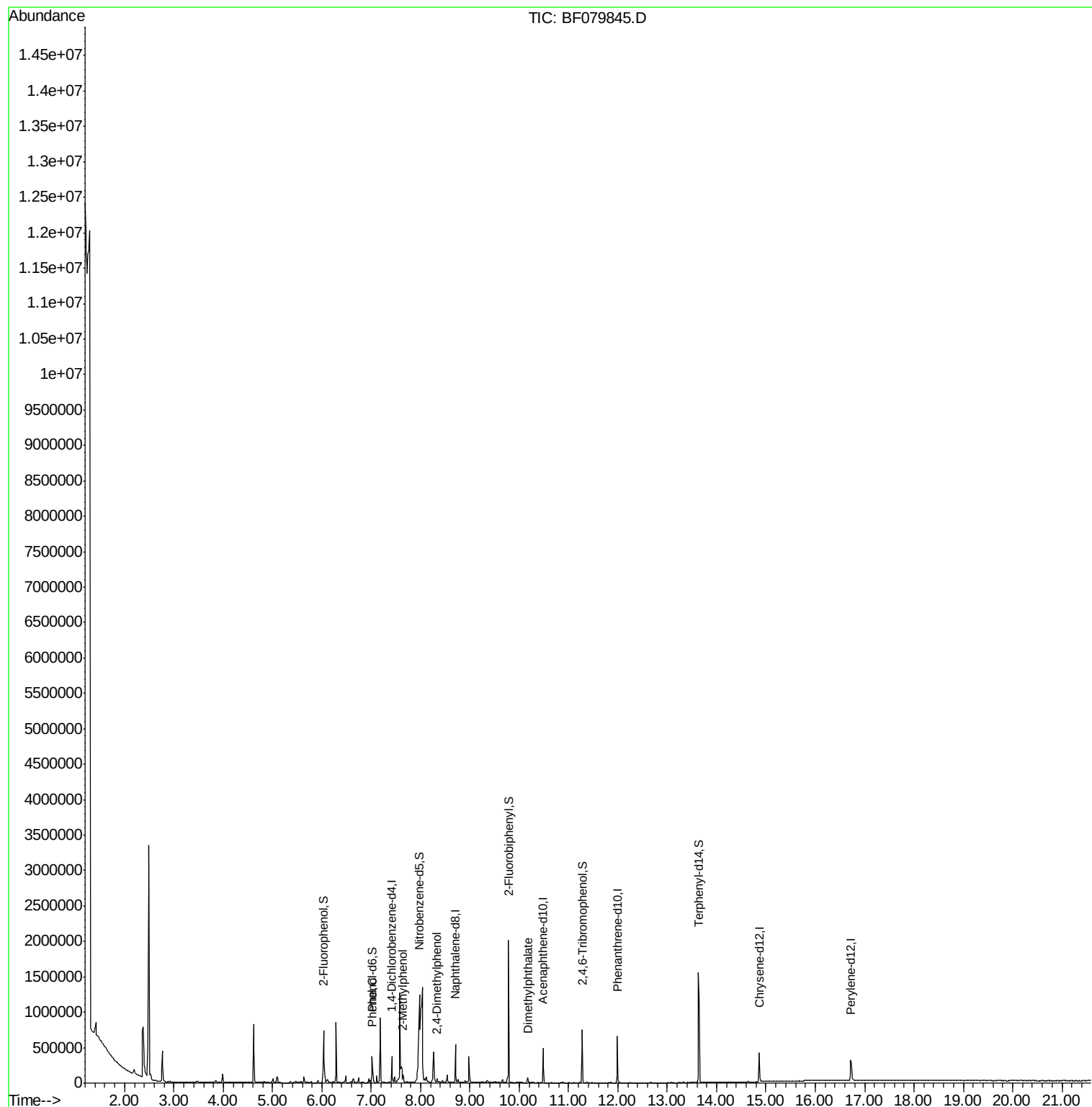
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
Data File : BF079845.D
Acq On : 9 Jun 2015 21:39
Operator : TP/IZ
Sample : G2542-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

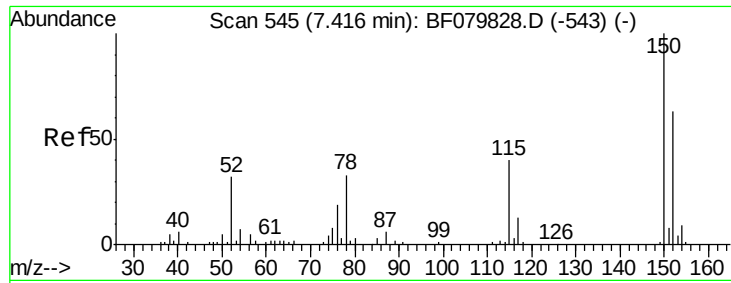
Instrument :
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ClientSampleId :
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Quant Time: Jun 10 02:02:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
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QLast Update : Tue Jun 09 15:11:40 2015
Response via : Initial Calibration





#1

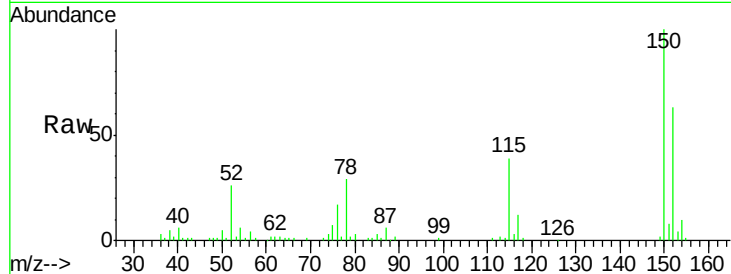
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Instrument :
BNA_F
ClientSampleId :
Z2-0123

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	131.4	197.2
115	62.4	56.5	84.7

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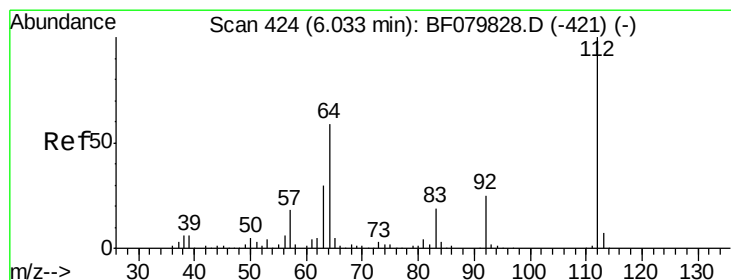
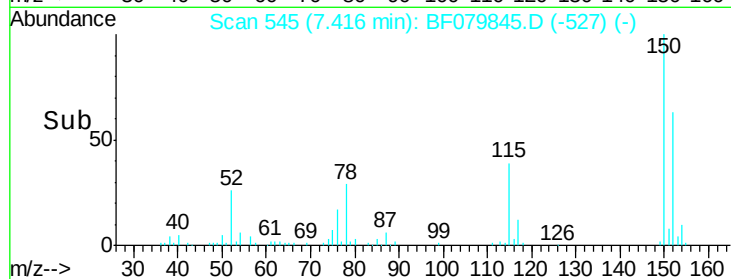
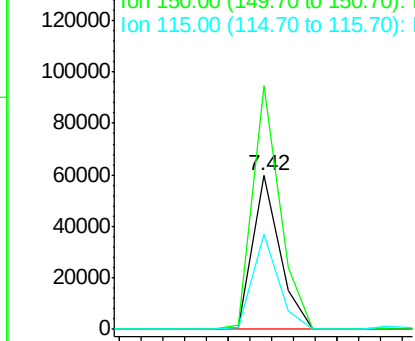


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

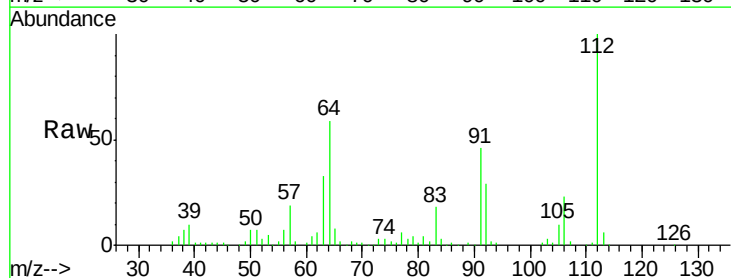
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.53 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.2	66.4
63	32.5	22.8	34.2

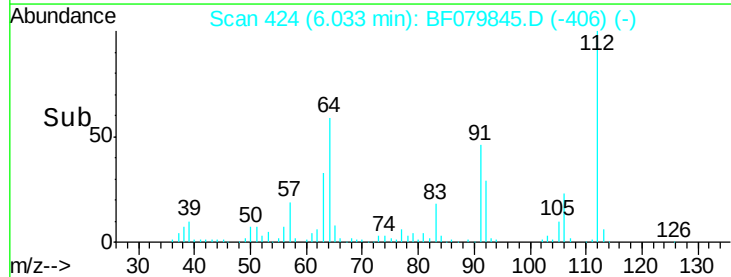
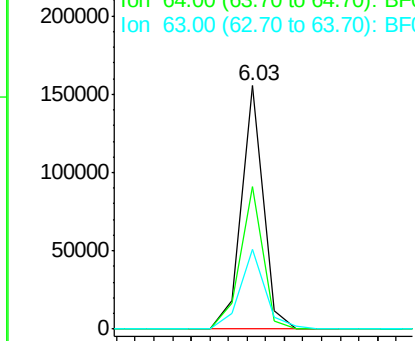


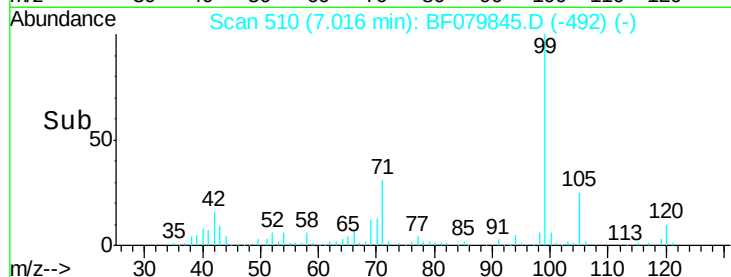
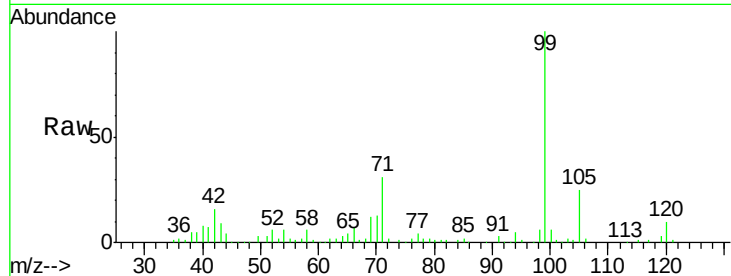
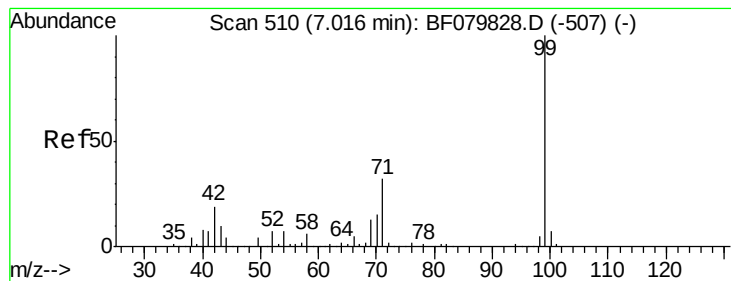
Abundance

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: 23.42 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

Tgt Ion:	99	Resp:	95512
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.7	20.5
71	31.2	25.1	37.7

Instrument :

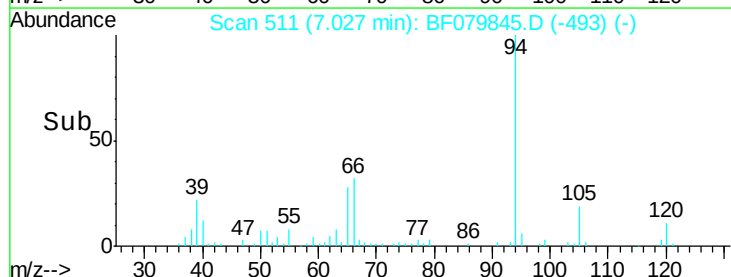
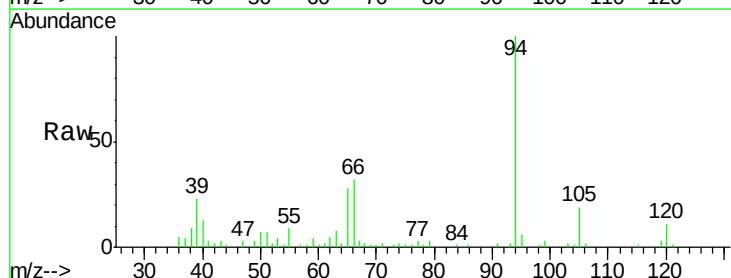
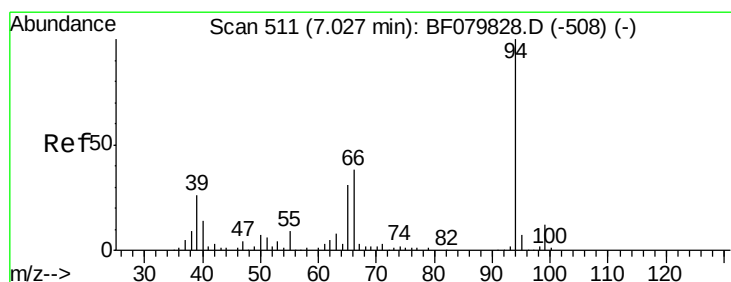
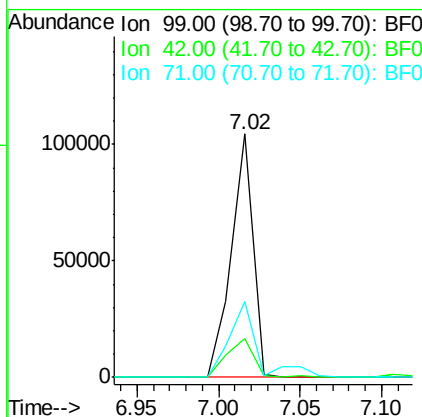
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#10

Phenol

Concen: 8.48 ng

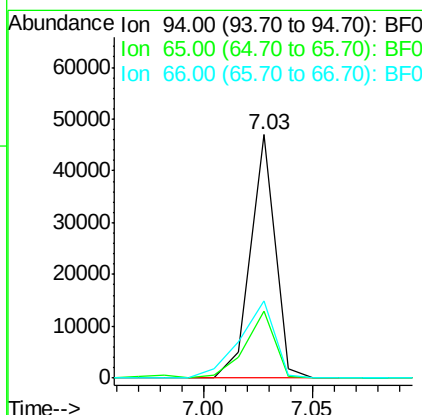
RT: 7.03 min Scan# 511

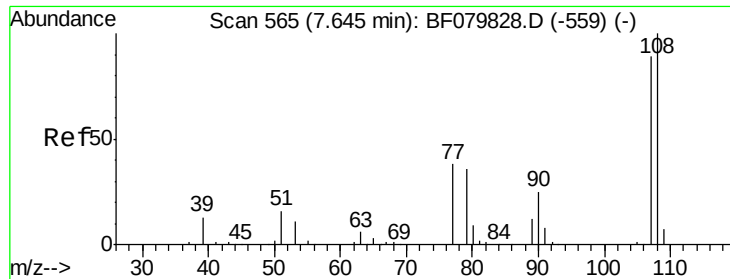
Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

Tgt Ion:	94	Resp:	36833
Ion Ratio	Lower	Upper	
94	100		
65	27.5	8.8	48.8
66	31.9	16.7	56.7





#17

2-Methylphenol

Concen: 3.78 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079845.D

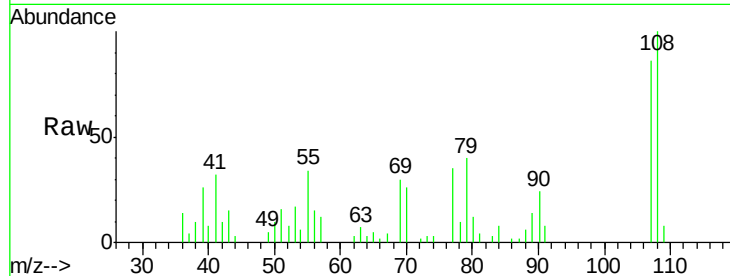
Acq: 9 Jun 2015 21:39

Instrument :

BNA_F

ClientSampleId :

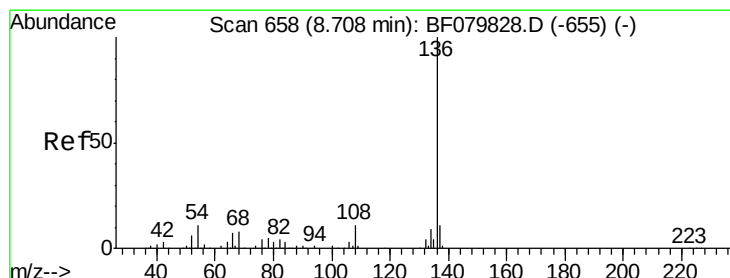
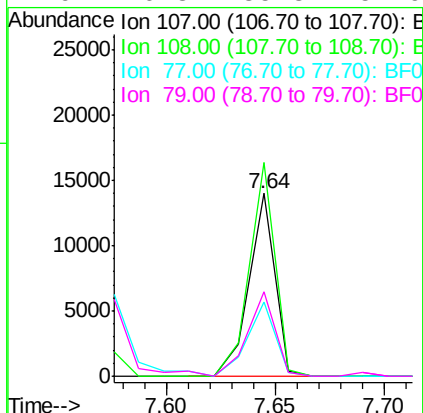
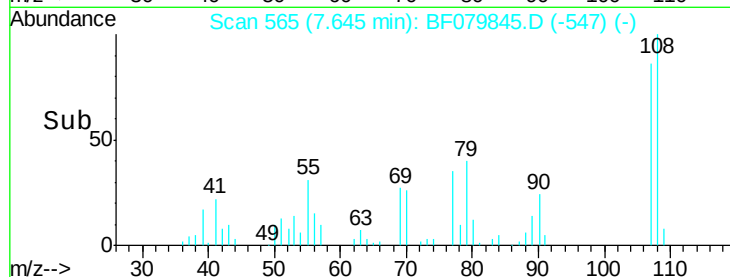
Z2-0123



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		11568		
108	116.9	89.3	133.9		
77	40.8	38.1	57.1		
79	46.3	35.3	52.9		

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#21

Naphthalene-d8

Concen: 20.00 ng

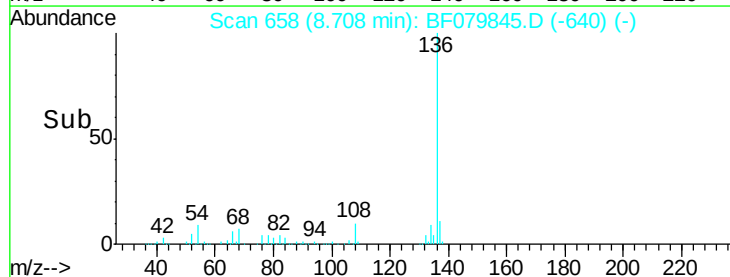
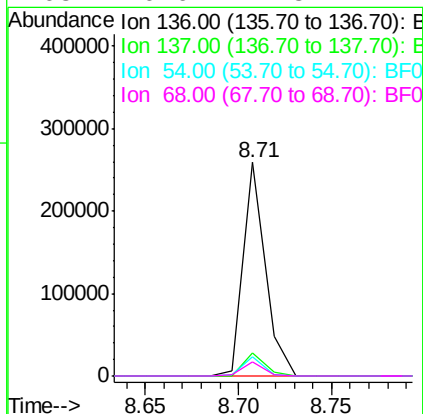
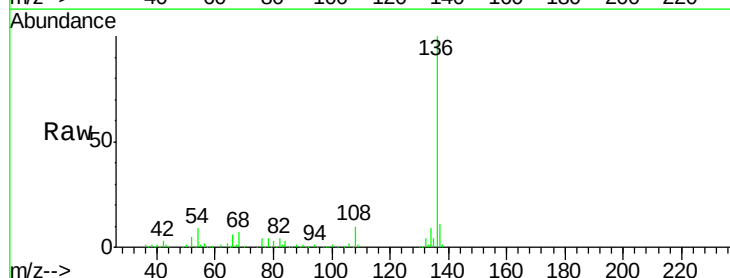
RT: 8.71 min Scan# 658

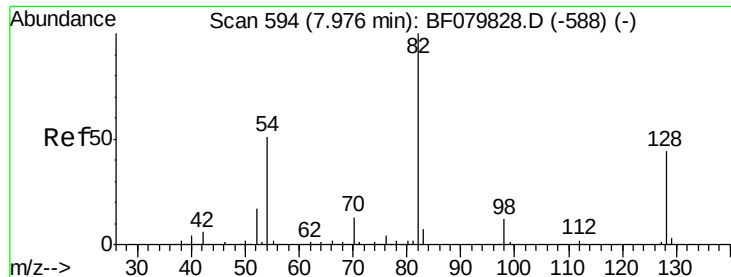
Delta R.T. 0.00 min

Lab File: BF079845.D

Acq: 9 Jun 2015 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		215350		
137	11.0	9.3	13.9		
54	9.0	8.1	12.1		
68	6.6	4.8	7.2		





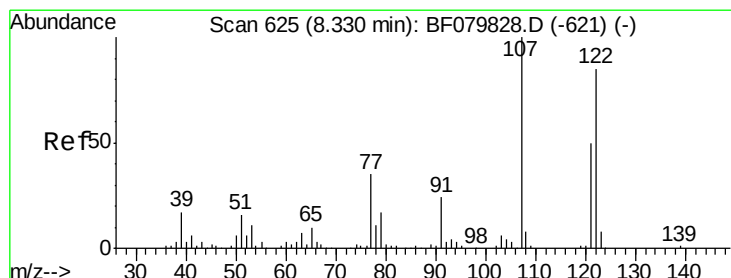
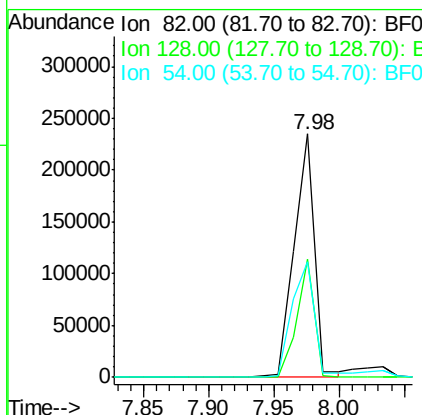
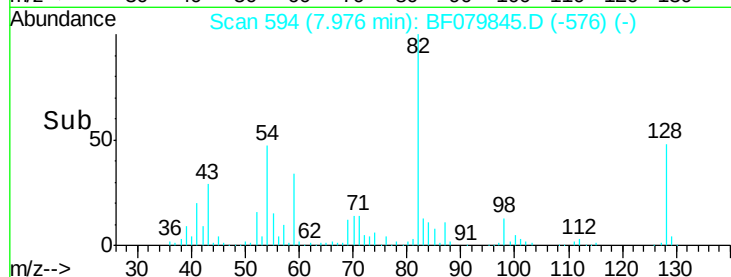
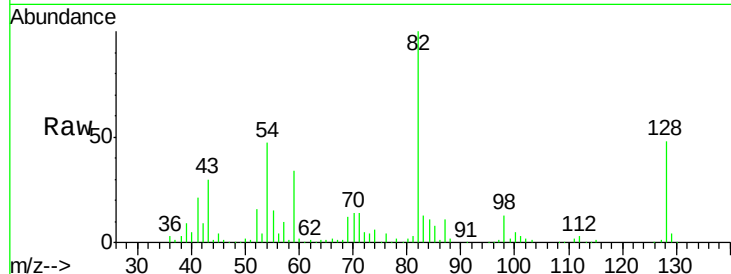
#23
 Nitrobenzene-d5
 Concen: 68.75 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0123

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	256297		
128	48.5	35.2	52.8	
54	47.2	39.2	58.8	

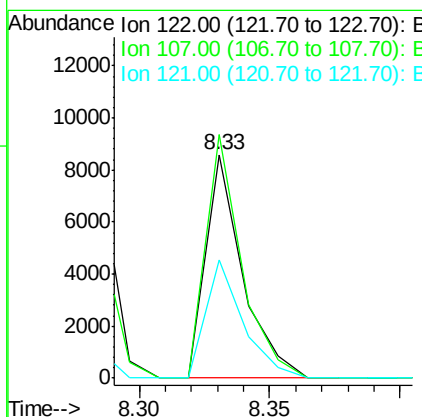
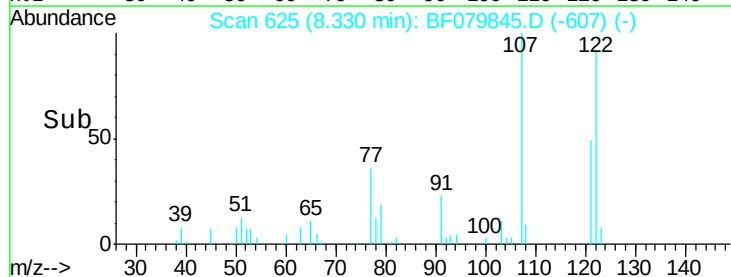
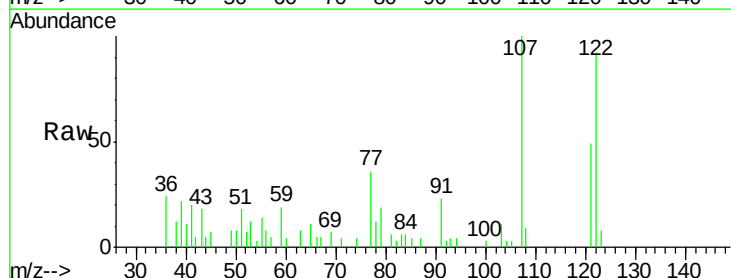
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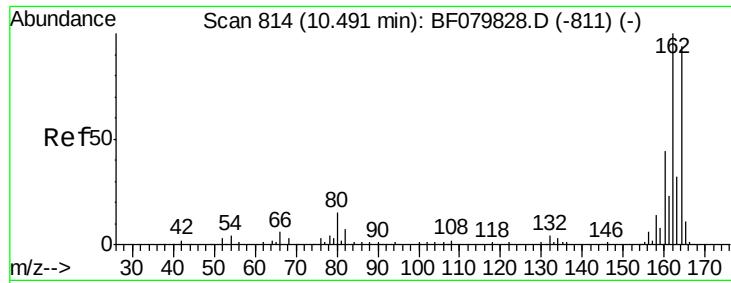
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#27
 2,4-Dimethylphenol
 Concen: 2.38 ng
 RT: 8.33 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8356		
107	108.8	95.3	142.9	
121	53.0	46.4	69.6	





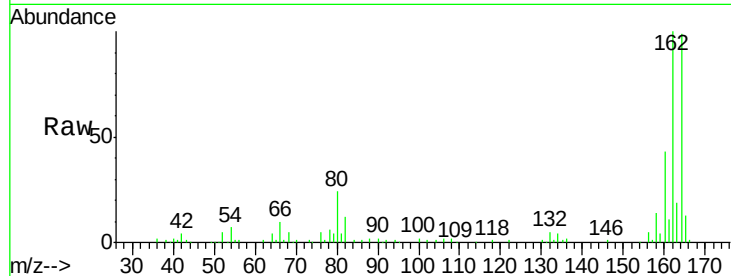
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0123

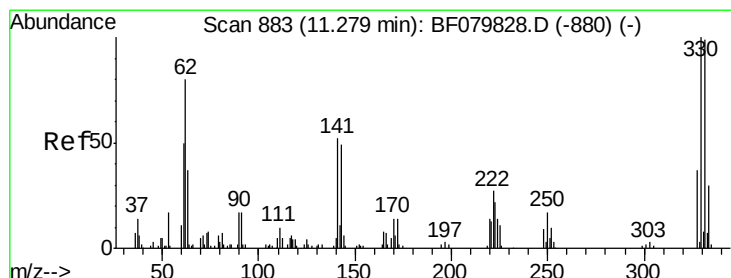
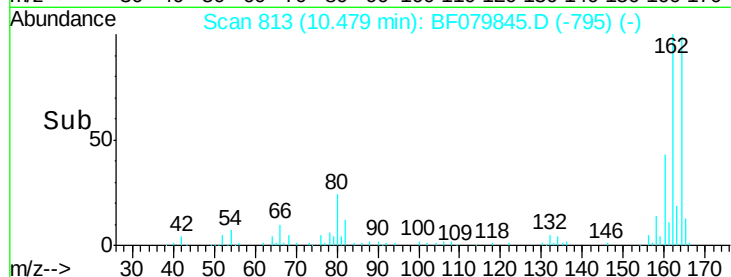
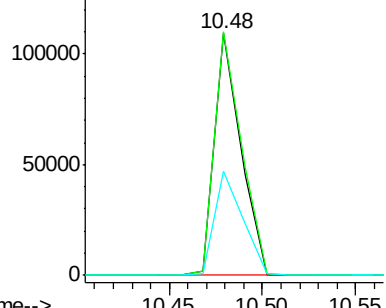
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107391		
162	100.7	89.8	134.8	
160	43.2	39.6	59.4	

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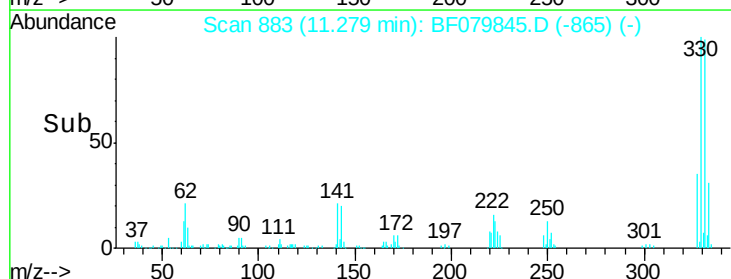
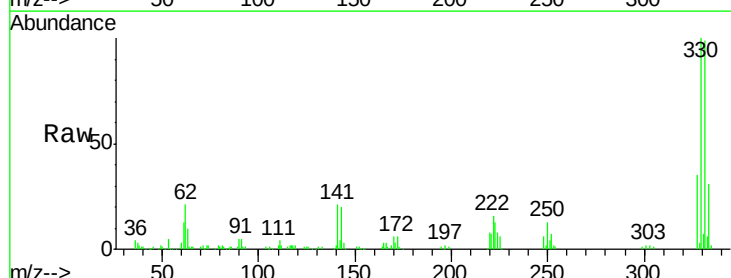
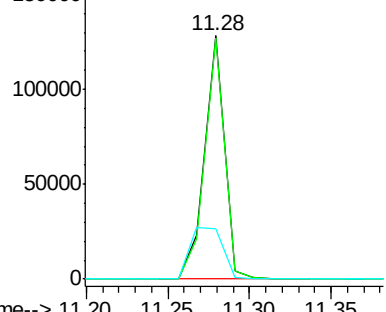
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

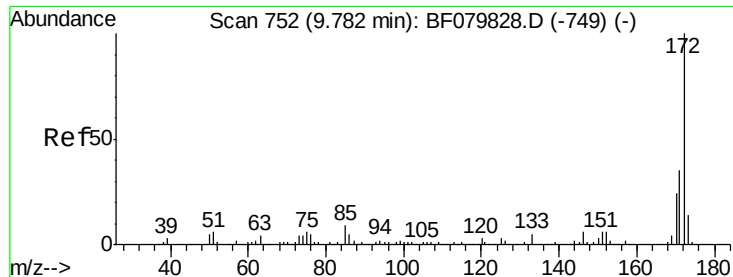


#41
 2,4,6-Tribromophenol
 Concen: 115.69 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	107522		
332	97.4	76.8	115.2	
141	34.6	29.1	43.7	

Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





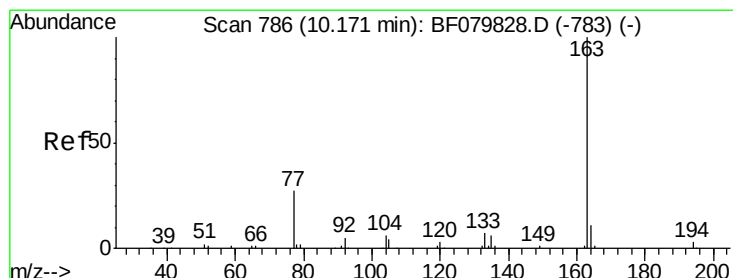
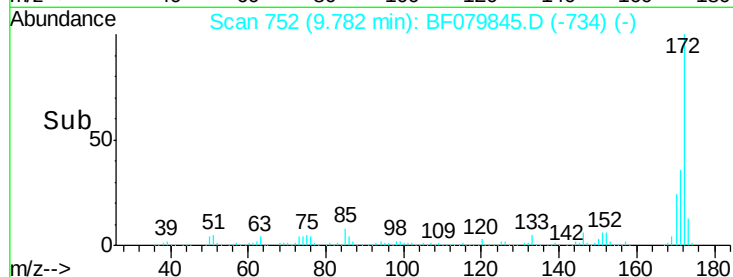
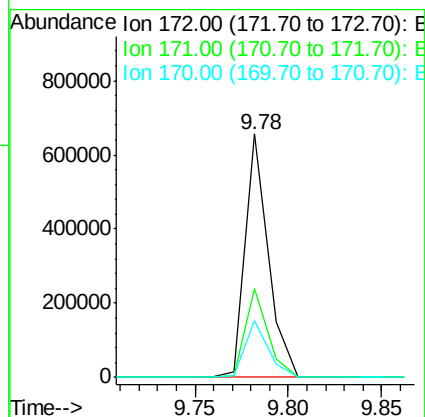
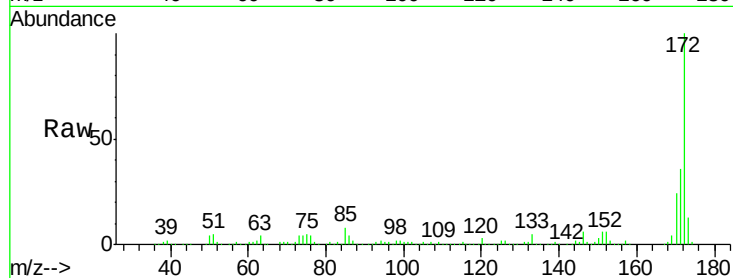
#44
2-Fluorobiphenyl
Concen: 74.05 ng
RT: 9.78 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Instrument :
BNA_F
ClientSampleId :
Z2-0123

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.3	28.5	42.7
170	23.6	18.8	28.2

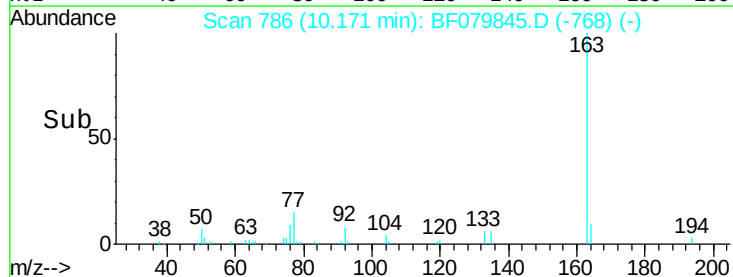
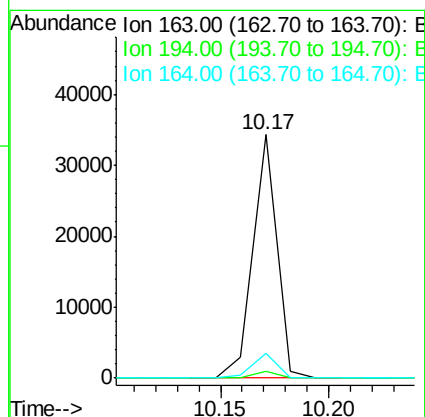
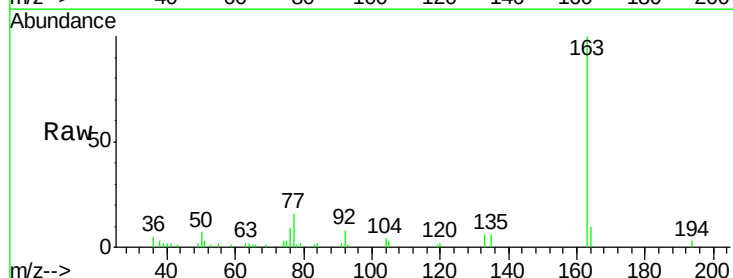
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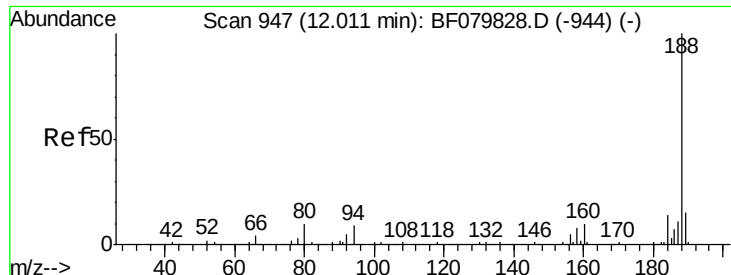
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#49
Dimethylphthalate
Concen: 3.13 ng
RT: 10.17 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.7	2.7	4.1#
164	10.2	7.9	11.9





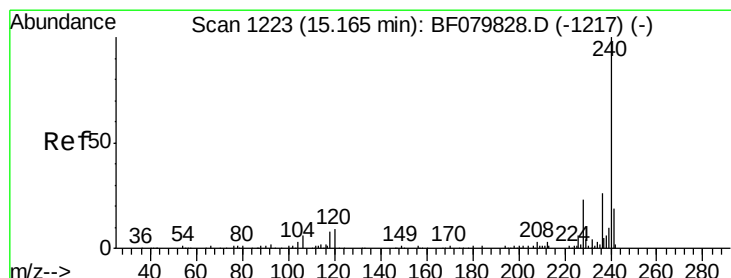
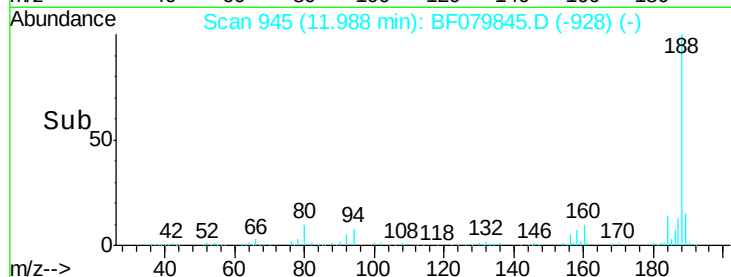
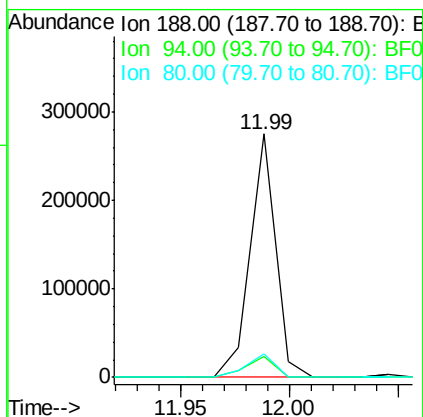
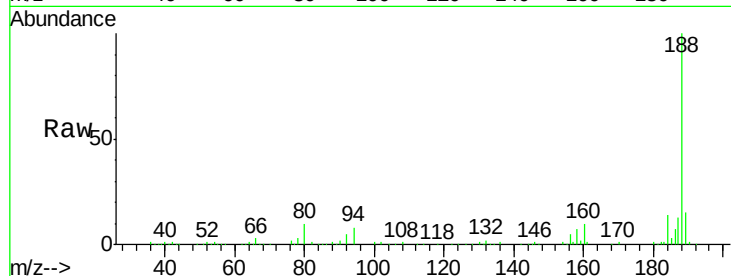
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Instrument :
BNA_F
ClientSampleId :
Z2-0123

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	7.4	11.0
80	9.8	8.0	12.0

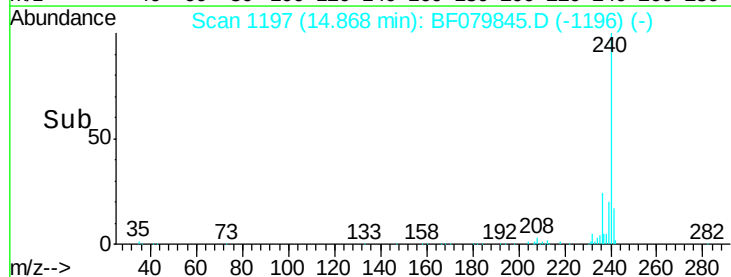
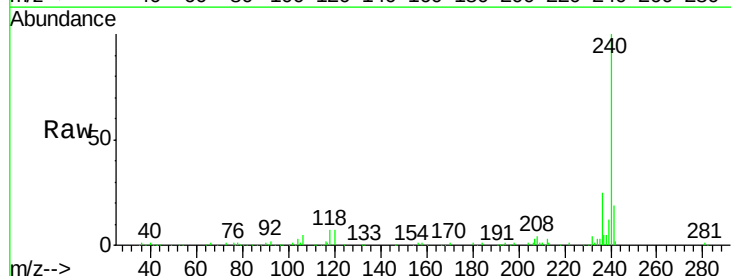
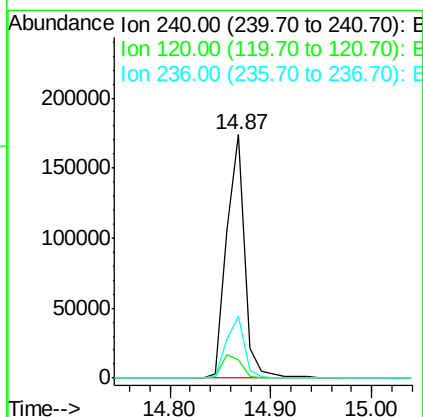
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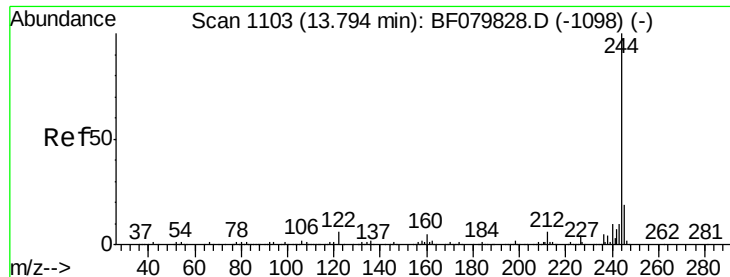
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#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.87 min Scan# 1197
Delta R.T. -0.19 min
Lab File: BF079845.D
Acq: 9 Jun 2015 21:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.3	6.6	9.8
236	25.3	20.2	30.4





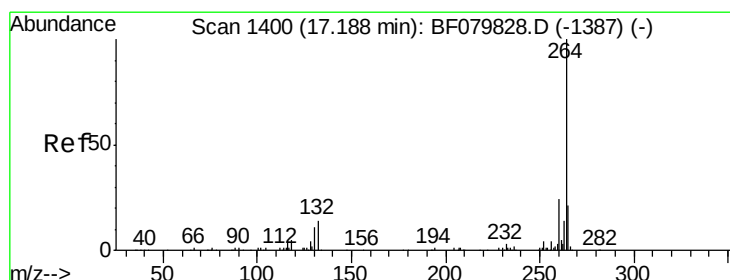
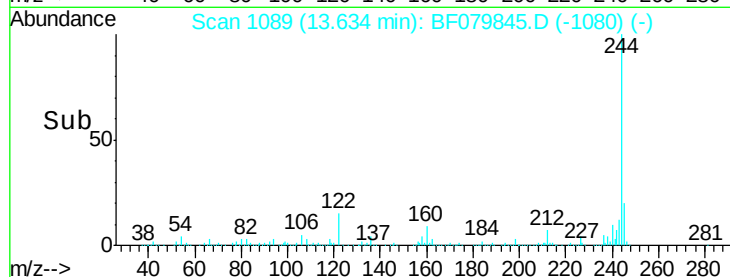
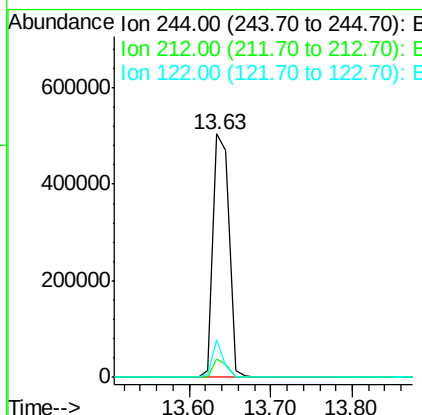
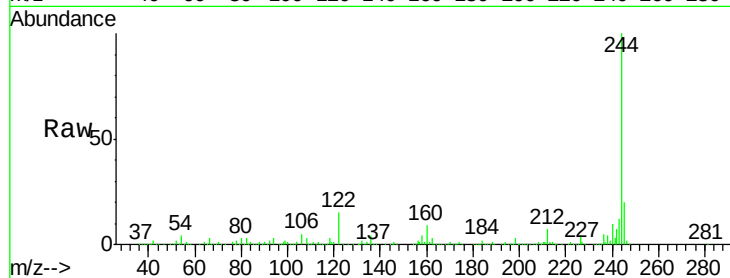
#78
 Terphenyl-d14
 Concen: 71.82 ng
 RT: 13.63 min Scan# 1089
 Delta R.T. -0.10 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0123

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	5.6	8.4
122	15.3	8.2	12.2

Manual Integrations
 APPROVED

apatel
 6/10/2015 5:41:19 PM



#86
 Perylene-d12
 Concen: 20.00 ng m
 RT: 16.72 min Scan# 1359
 Delta R.T. -0.30 min
 Lab File: BF079845.D
 Acq: 9 Jun 2015 21:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.5	19.5	29.3
265	21.9	18.0	27.0

