

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081342.D
 Acq On : 2 Sep 2015 11:50
 Operator : UM/IZ
 Sample : PB85323BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85323BL

Manual Integrations
 APPROVED

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 9/3/2015 1:43:04 PM

Quant Time: Sep 03 01:25:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60594m	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	235287	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	116940	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	227104	20.00	ng	0.00
75) Chrysene-d12	13.49	240	182198	20.00	ng	-0.01
86) Perylene-d12	14.80	264	142344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	438303	112.23	ng	0.02
7) Phenol-d6	6.04	99	604692	116.97	ng	-0.01
23) Nitrobenzene-d5	6.96	82	336359	68.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	121612	116.80	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	633727	69.45	ng	0.00
78) Terphenyl-d14	12.47	244	598427	76.46	ng	0.00

Target Compounds Qvalue

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

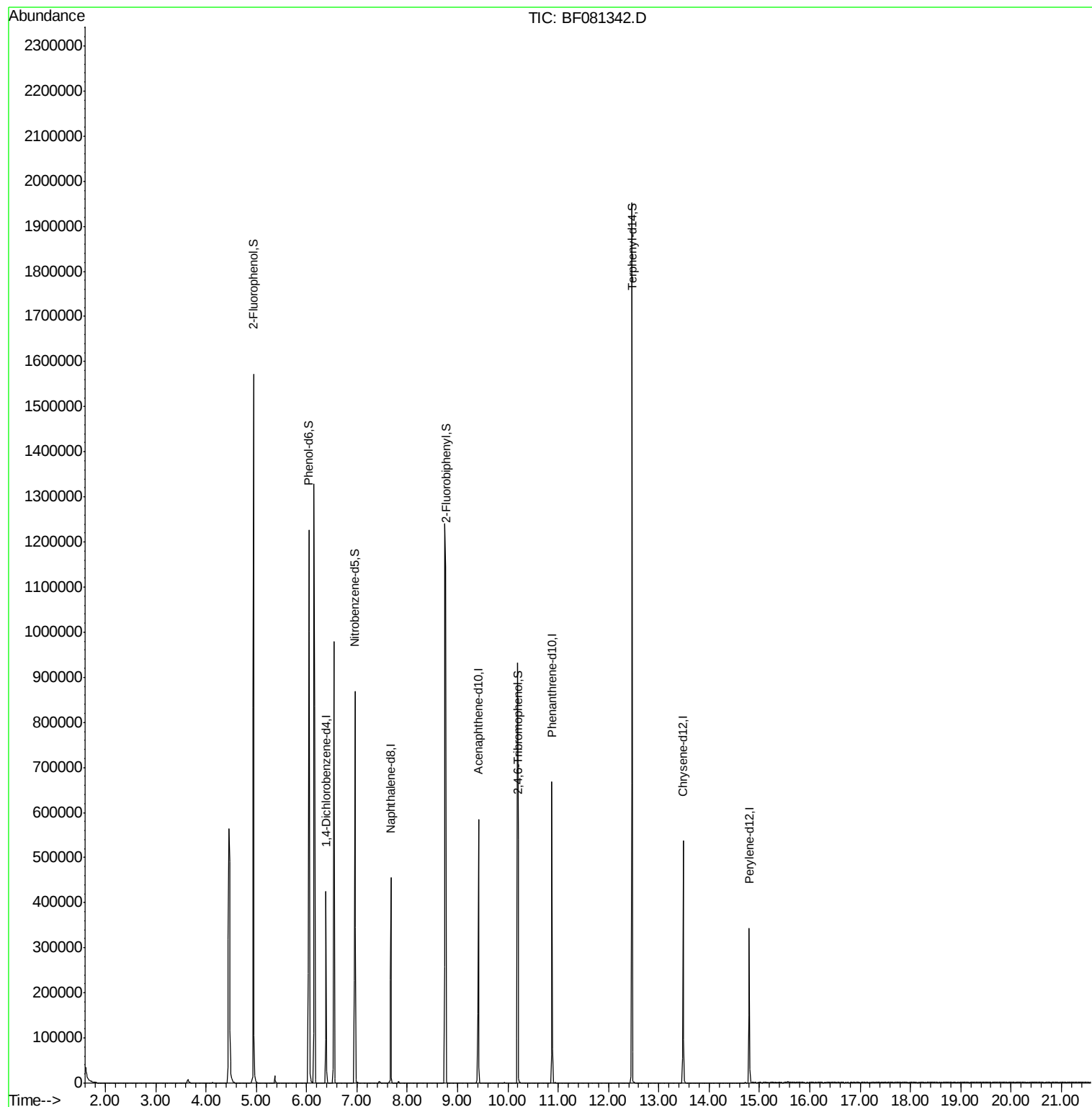
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081342.D
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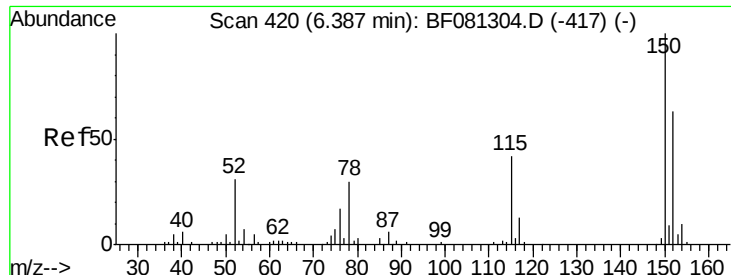
Instrument :
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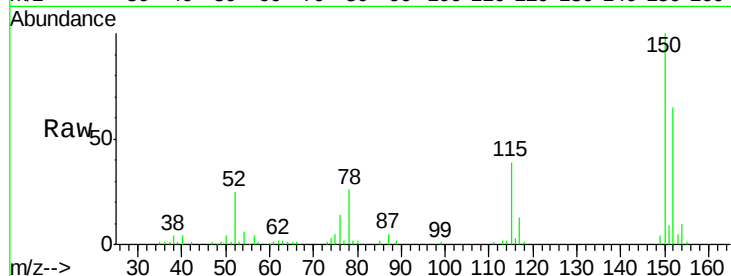




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

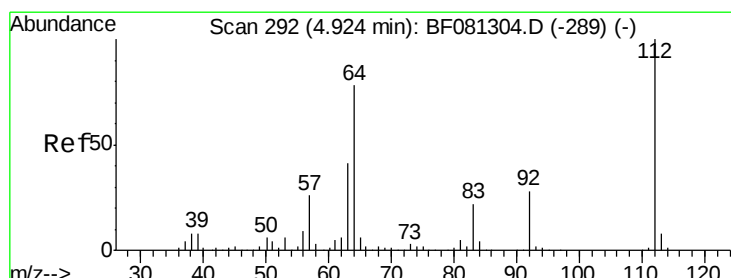
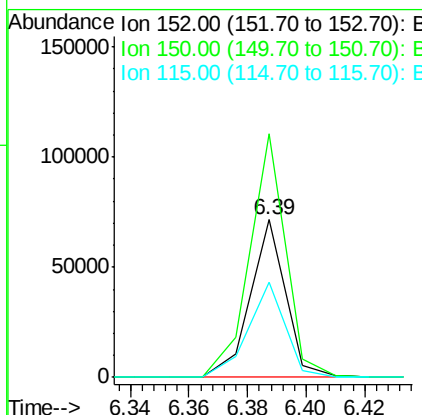
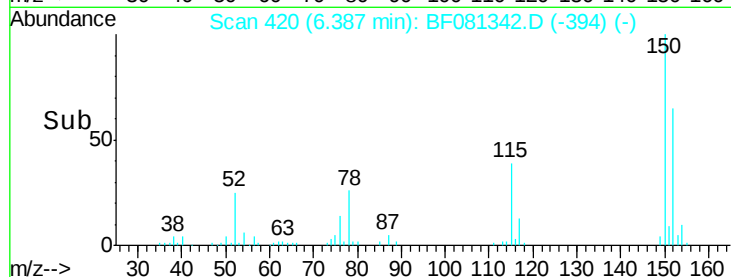
Instrument :
BNA_F
ClientSampleId :
PB85323BL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.7	187.1
115	60.8	39.0	58.4#

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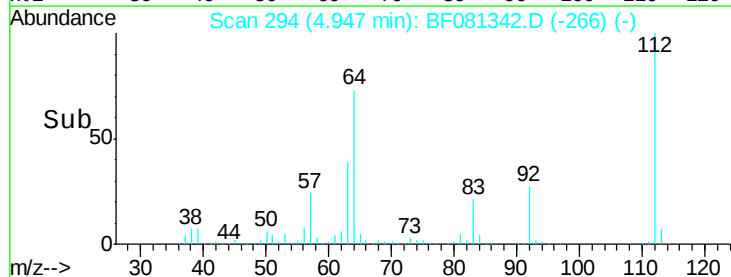
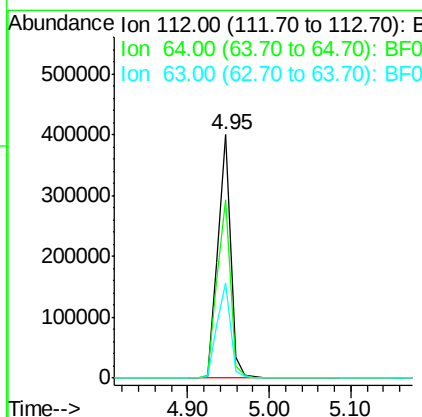
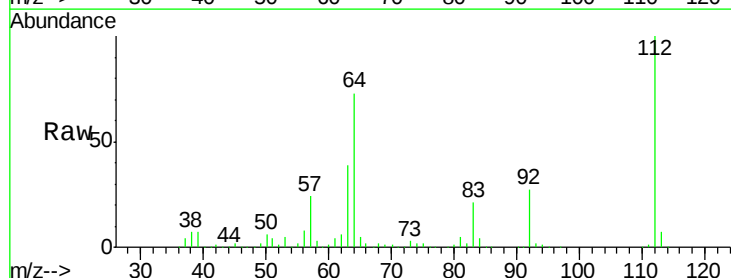
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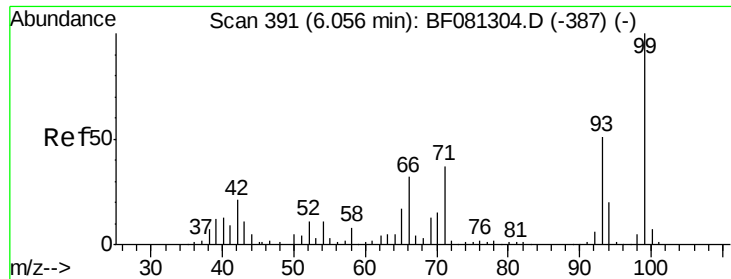


#5

2-Fluorophenol
Concen: 112.23 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	39.7	59.5#
63	38.8	17.4	26.0#





#7

Phenol-d6

Concen: 116.97 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081342.D

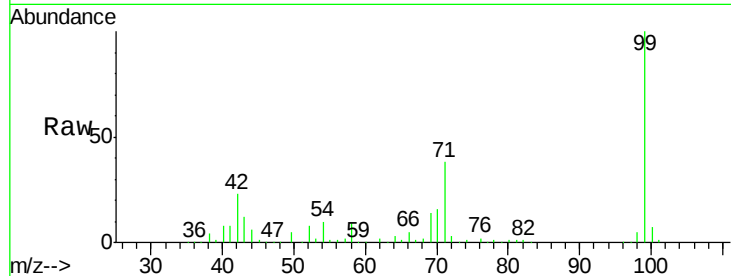
Acq: 2 Sep 2015 11:50

Instrument :

BNA_F

ClientSampleId :

PB85323BL



Tgt Ion: 99 Resp: 604692

Ion Ratio Lower Upper

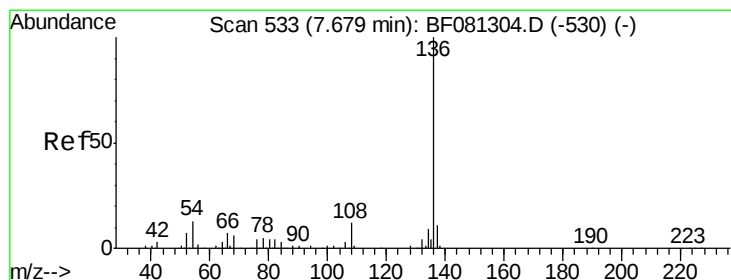
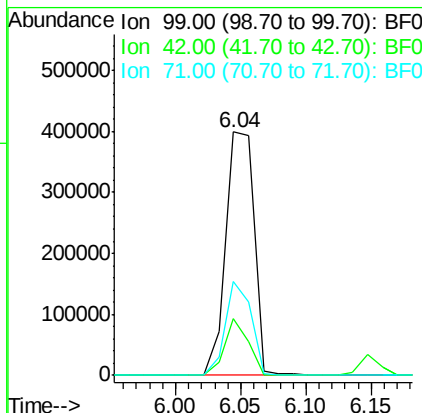
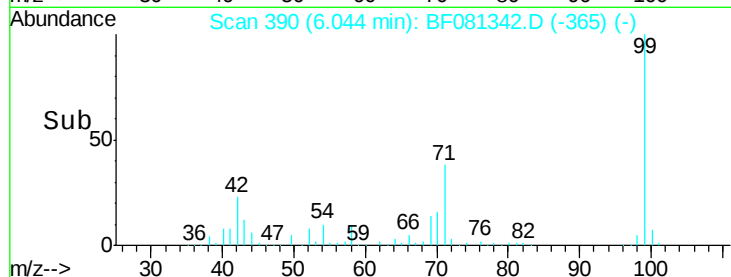
99 100

42 23.4 13.7 20.5#

71 38.4 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

Tgt Ion: 136 Resp: 235287

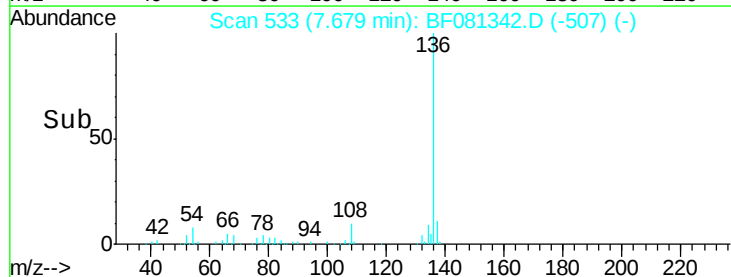
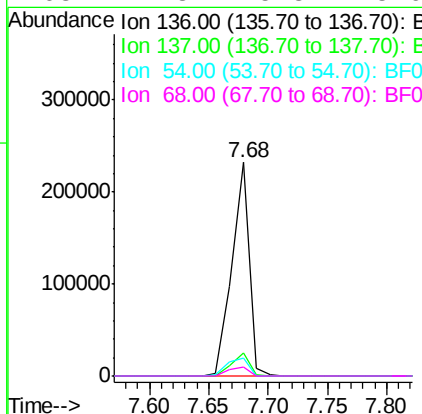
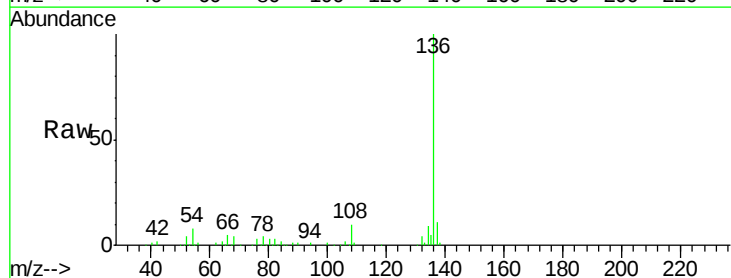
Ion Ratio Lower Upper

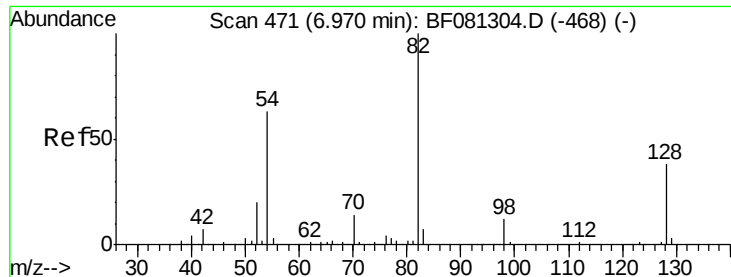
136 100

137 10.6 9.0 13.6

54 8.3 8.2 12.2

68 4.3 5.8 8.6#





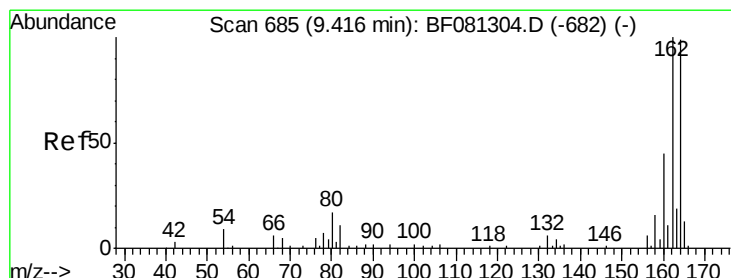
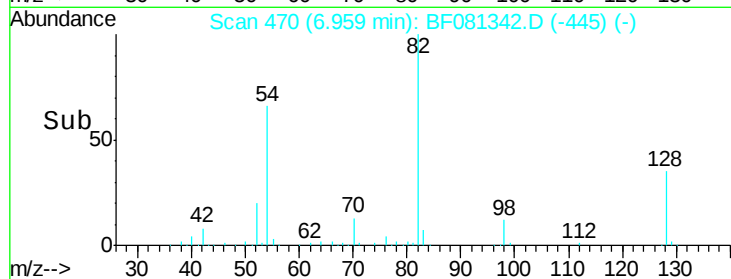
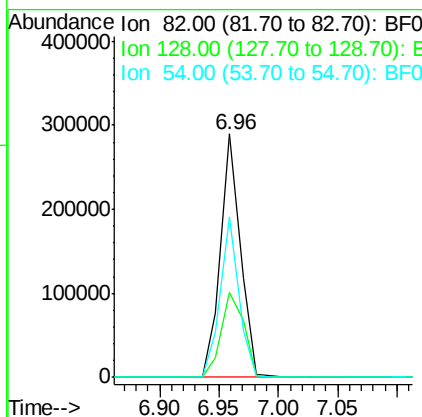
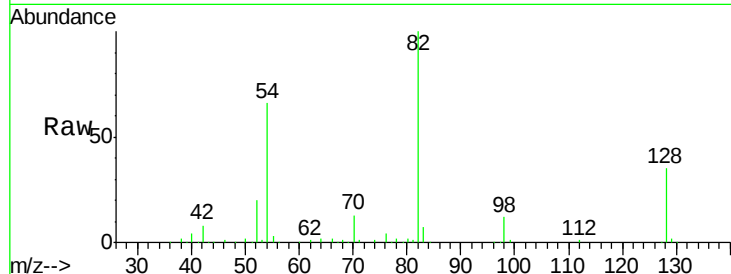
#23
Nitrobenzene-d5
Concen: 68.97 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

Instrument :
BNA_F
ClientSampleId :
PB85323BL

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	336359		
128	35.0	51.0	76.6#	
54	65.9	47.5	71.3	

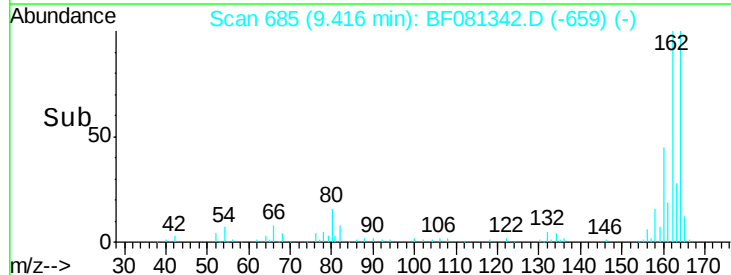
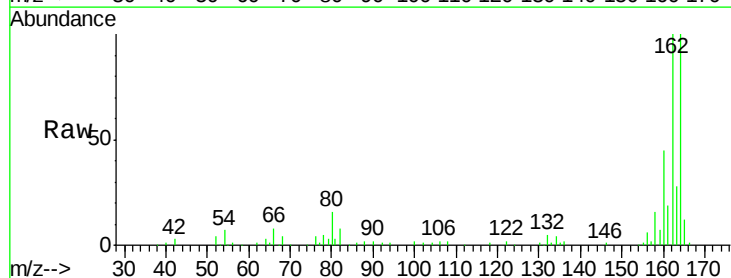
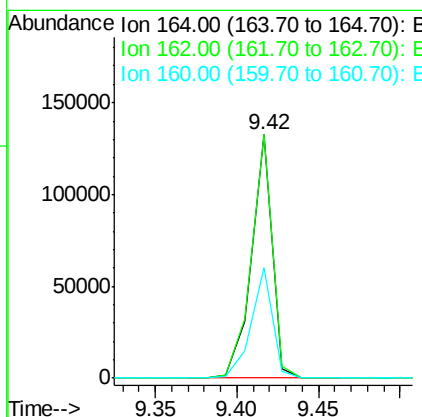
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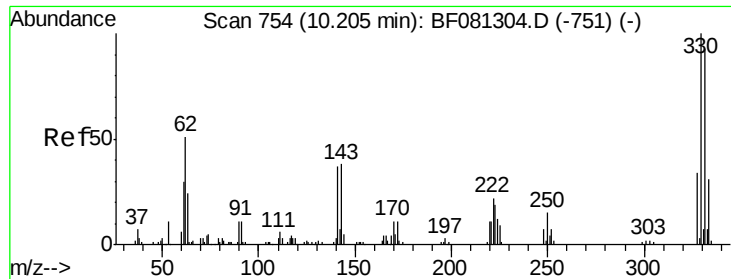
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

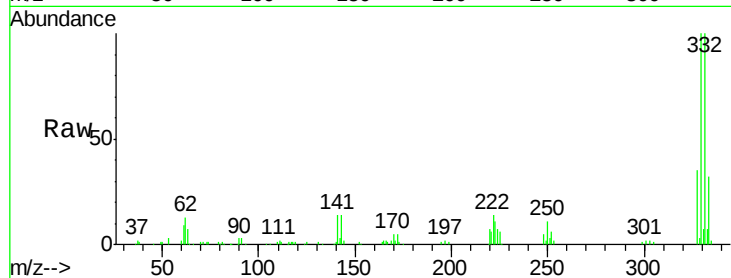
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116940		
162	100.2	75.2	112.8	
160	45.3	31.5	47.3	





#41
 2,4,6-Tribromophenol
 Concen: 116.80 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081342.D
 Acq: 2 Sep 2015 11:50

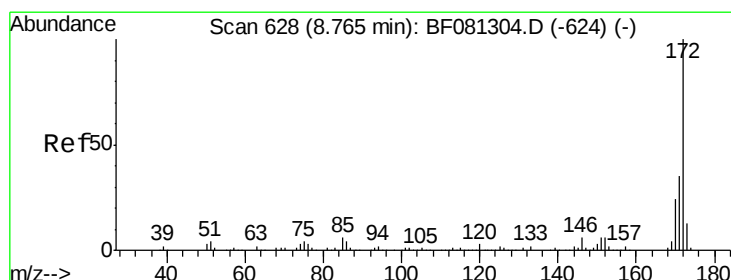
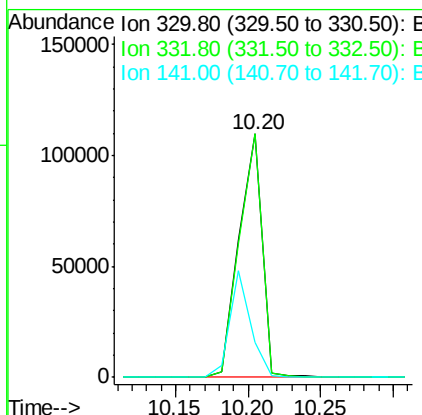
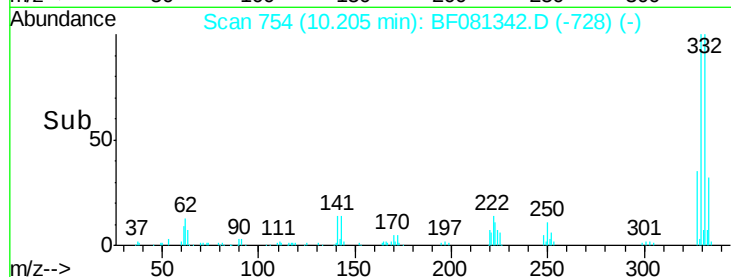
Instrument :
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 ClientSampleId :
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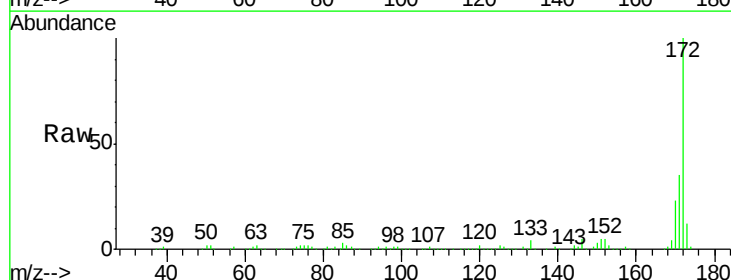
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	121612		
332	99.0	76.6	114.8	
141	39.4	29.7	44.5	

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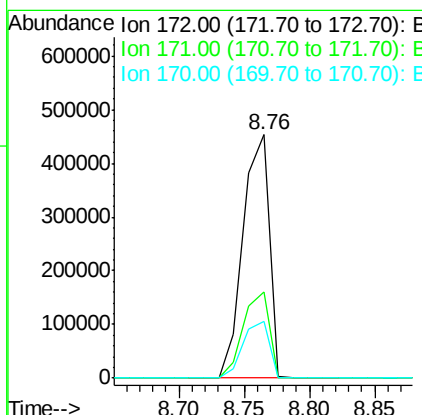
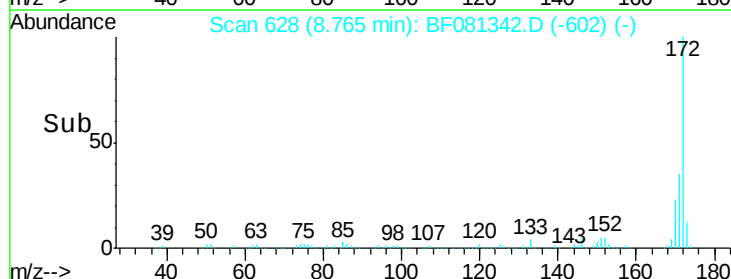
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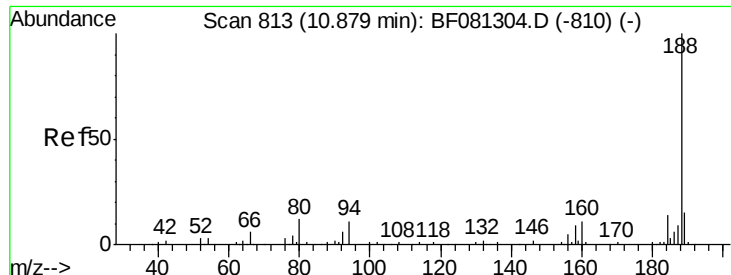


#44
 2-Fluorobiphenyl
 Concen: 69.45 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081342.D
 Acq: 2 Sep 2015 11:50



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	633727		
171	35.2	26.1	39.1	
170	23.4	17.4	26.2	





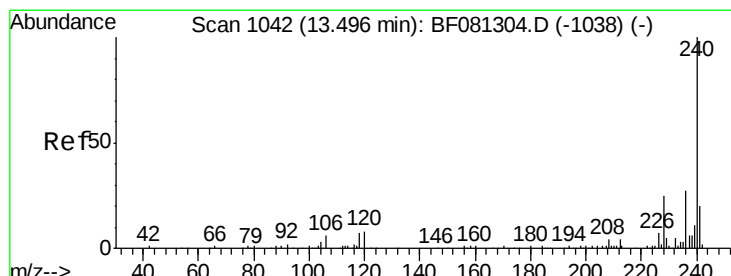
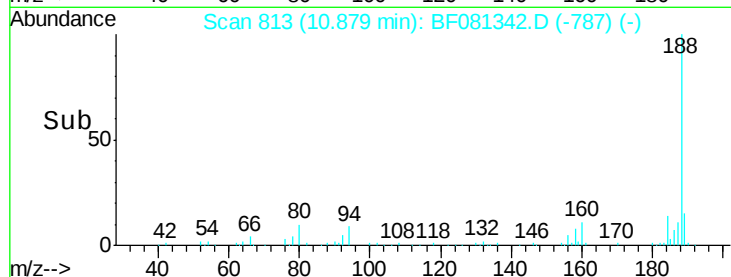
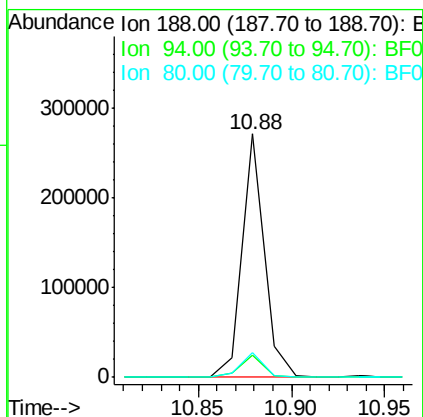
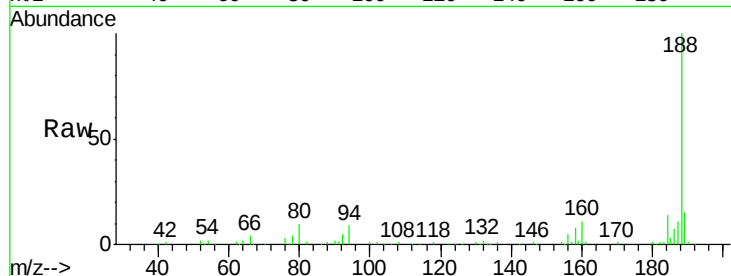
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

Instrument :
BNA_F
ClientSampleId :
PB85323BL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	11.1	16.7#
80	10.3	11.0	16.4#

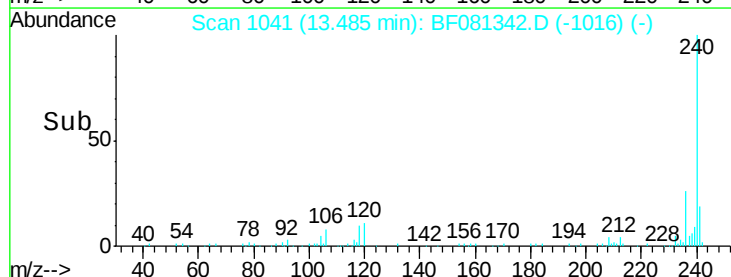
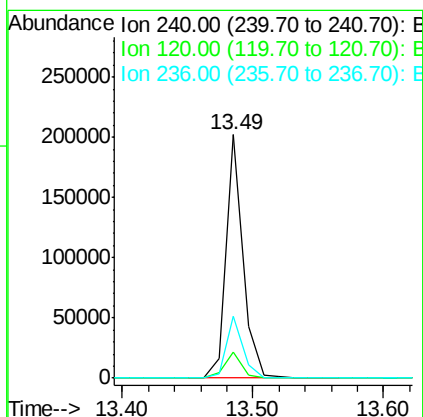
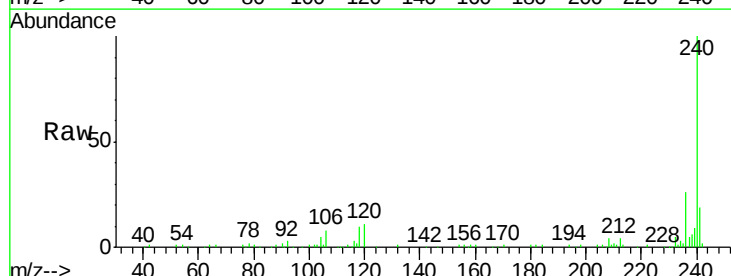
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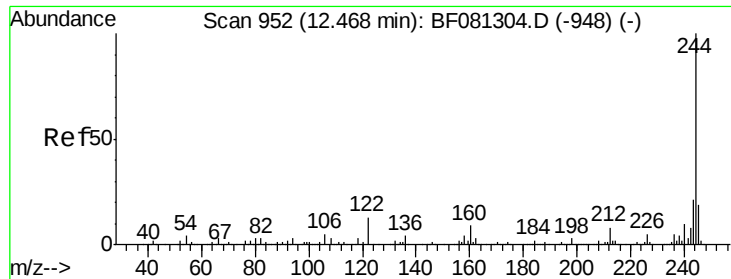
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

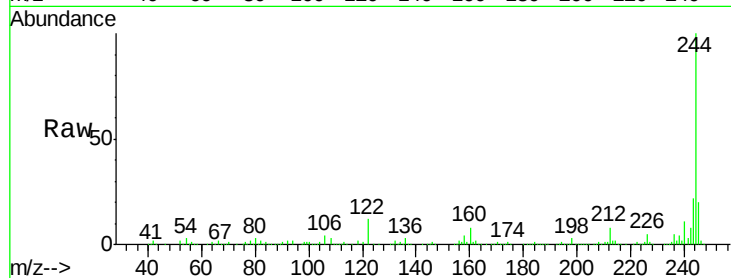
Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.5	16.2	24.2#
236	25.7	18.4	27.6





#78
 Terphenyl-d14
 Concen: 76.46 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081342.D
 Acq: 2 Sep 2015 11:50

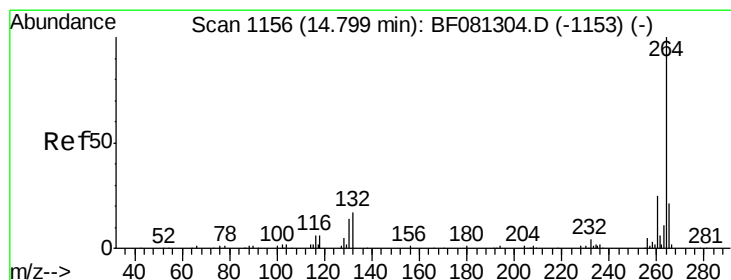
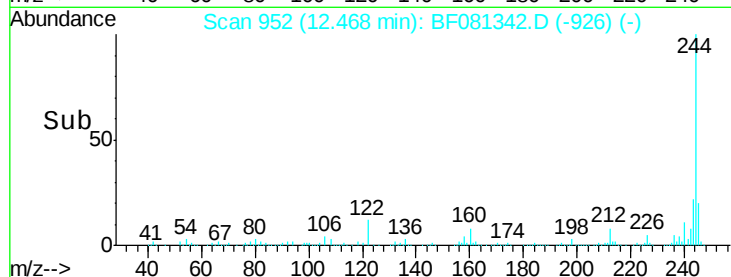
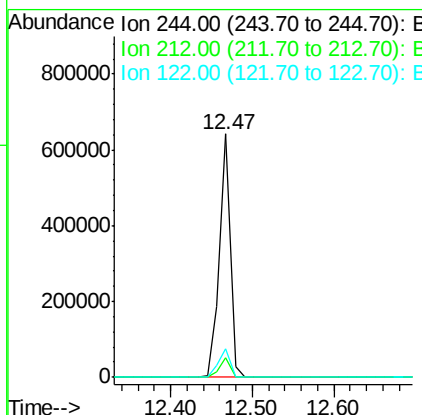
Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
244	100	598427		
212	7.8	4.3	6.5#	
122	11.6	17.4	26.2#	

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081342.D
 Acq: 2 Sep 2015 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	142344		
260	24.0	16.7	25.1	
265	20.6	17.2	25.8	

