

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079449.D
 Acq On : 22 May 2015 22:51
 Operator : TP/IZ
 Sample : G2366-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Manual Integrations
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 5/27/2015 8:16:45 AM

Quant Time: May 23 00:24:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	72263	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	294275	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	147574	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	273575	20.00	ng	-0.01
75) Chrysene-d12	15.91	240	257031	20.00	ng	-0.06
86) Perylene-d12	17.60	264	256029	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	269356m	64.16	ng	0.00
7) Phenol-d6	6.63	99	216433m	39.00	ng	0.00
23) Nitrobenzene-d5	7.75	82	444466	86.80	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	239909	150.27	ng	-0.01
44) 2-Fluorobiphenyl	9.98	172	934290	88.20	ng	0.00
78) Terphenyl-d14	14.63	244	948068	88.31	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	9.51	142	43418	4.47	ng	Qvalue # 95

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

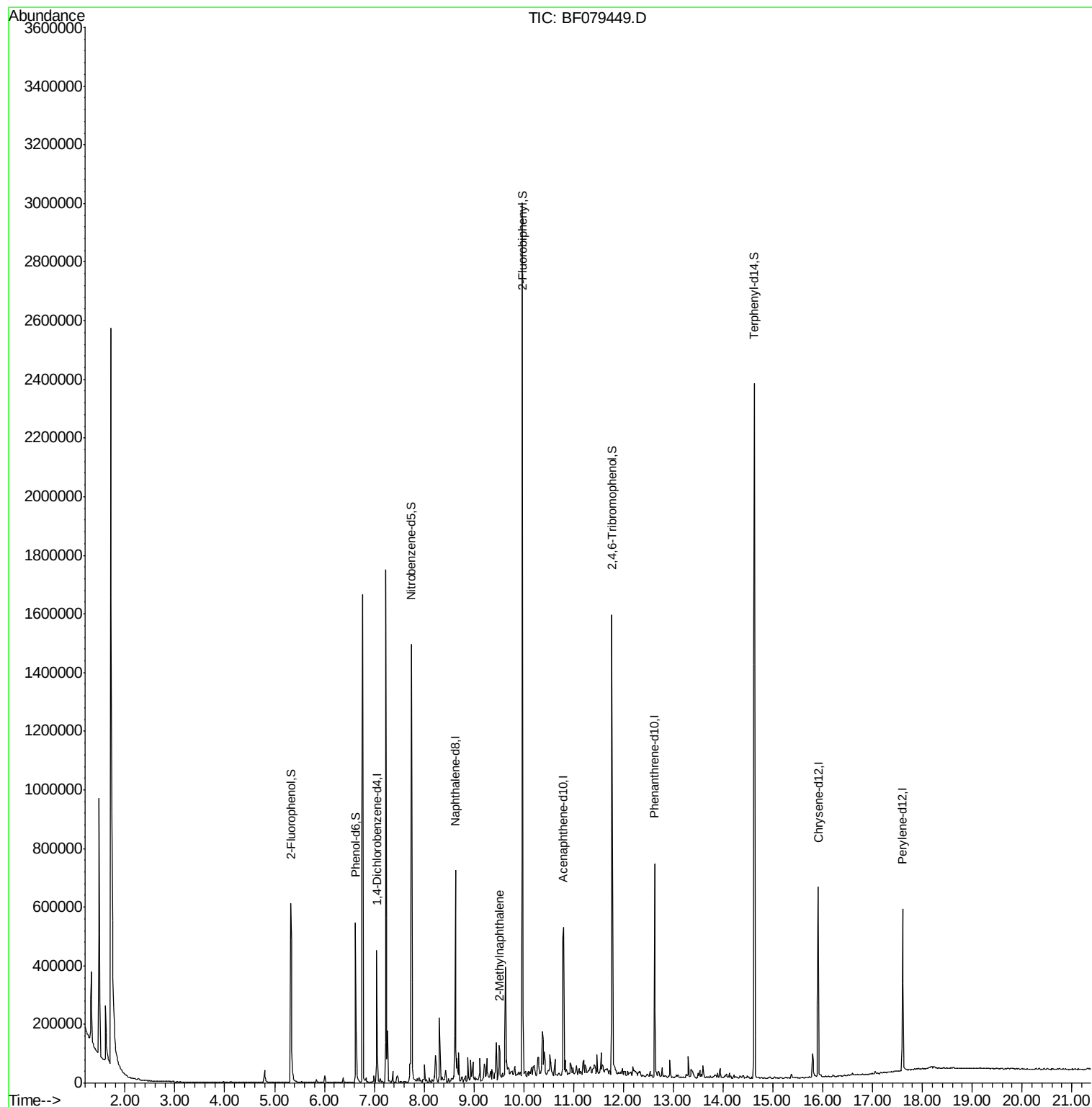
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079449.D
Acq On : 22 May 2015 22:51
Operator : TP/IZ
Sample : G2366-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

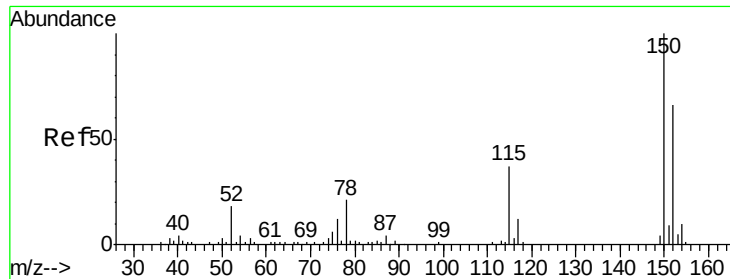
Instrument :
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Quant Time: May 23 00:24:43 2015
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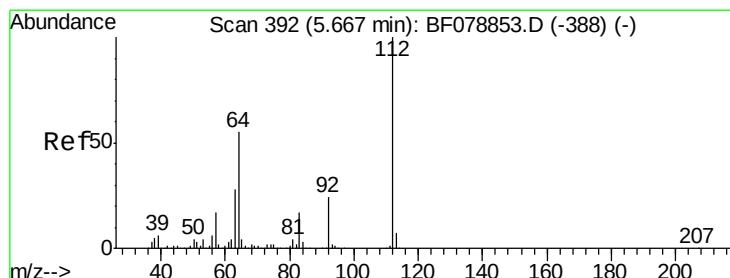
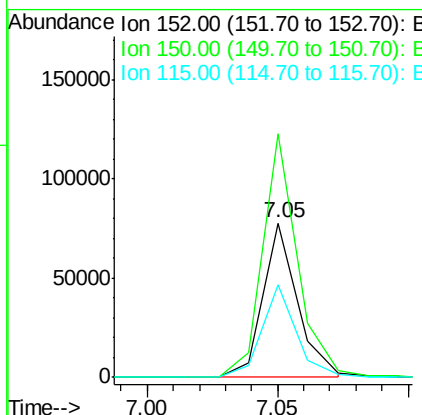
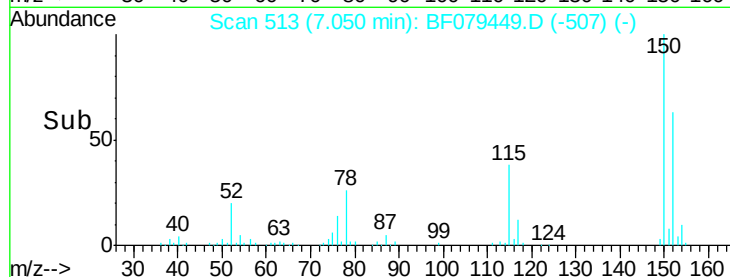
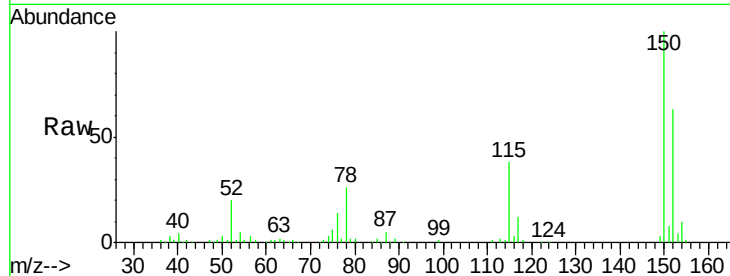
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079449.D
 Acq: 22 May 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Tot Ion:	152	Resp:	72263
Ion Ratio	Lower	Upper	
152	100		
150	157.5	123.8	185.8
115	59.5	49.4	74.0

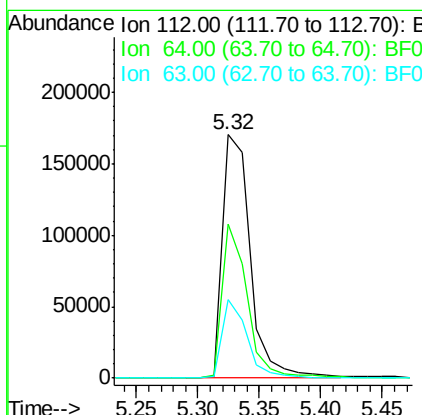
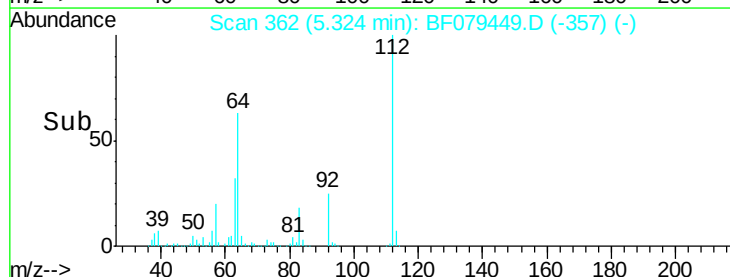
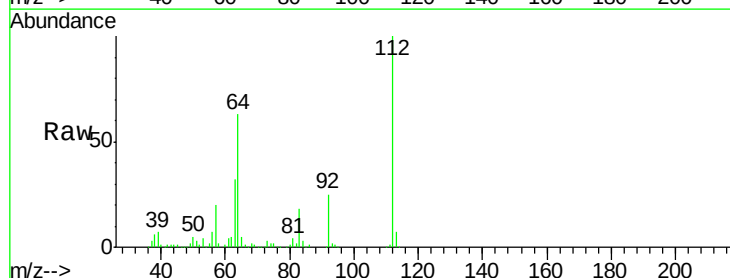
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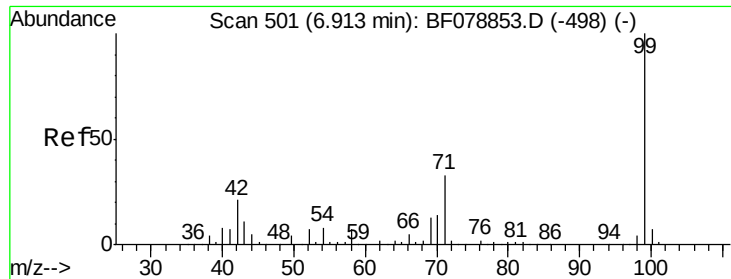
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#5
 2-Fluorophenol
 Concen: 64.16 ng m
 RT: 5.32 min Scan# 362
 Delta R.T. -0.00 min
 Lab File: BF079449.D
 Acq: 22 May 2015 22:51

Tgt Ion:	112	Resp:	269356
Ion Ratio	Lower	Upper	
112	100		
64	63.0	44.2	66.2
63	32.3	22.7	34.1





#7

Phenol-d6

Concen: 39.00 ng/mL

RT: 6.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF079449.D

Acq: 22 May 2015 22:51

Instrument :

BNA_F

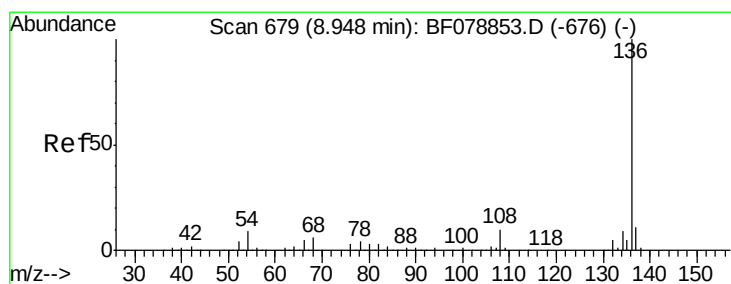
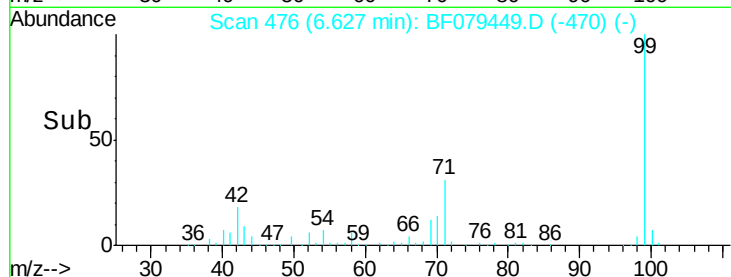
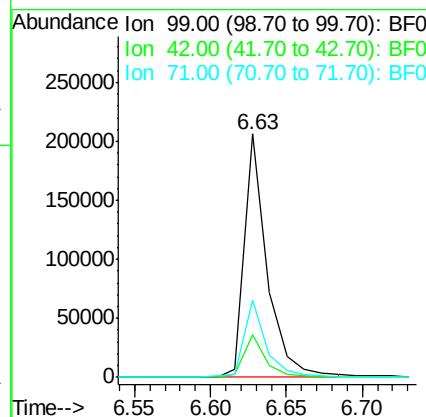
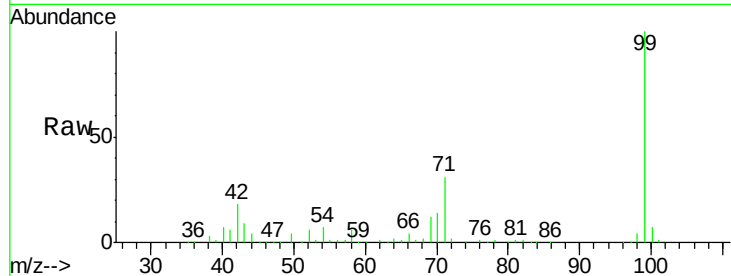
ClientSampled :

ERM-33

Tot Ion:	99	Resp:	216433
Ion Ratio	Lower	Upper	
99	100		
42	17.8	17.1	25.7
71	31.5	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

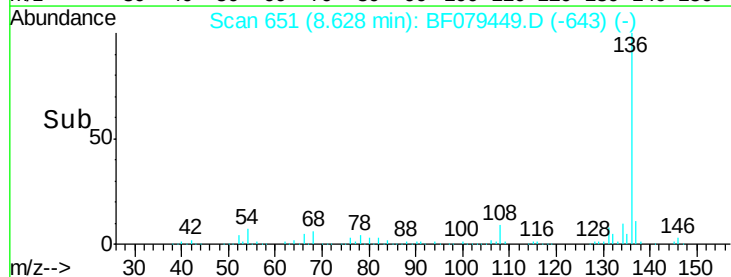
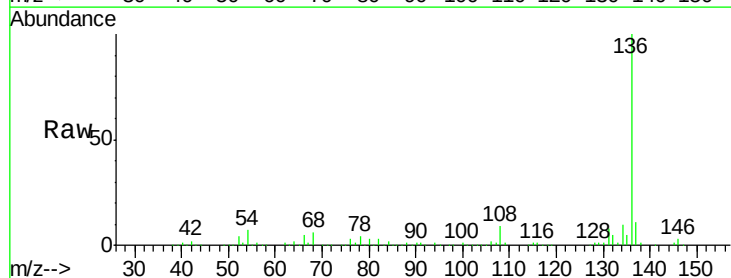
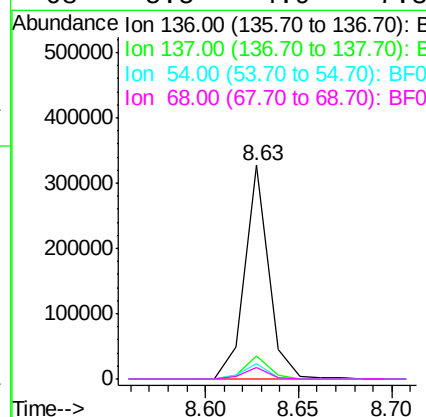
RT: 8.63 min Scan# 651

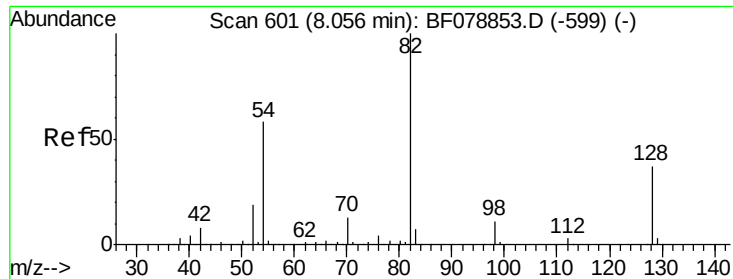
Delta R.T. -0.00 min

Lab File: BF079449.D

Acq: 22 May 2015 22:51

Tgt Ion:	136	Resp:	294275
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.2	6.9	10.3
68	5.5	4.9	7.3





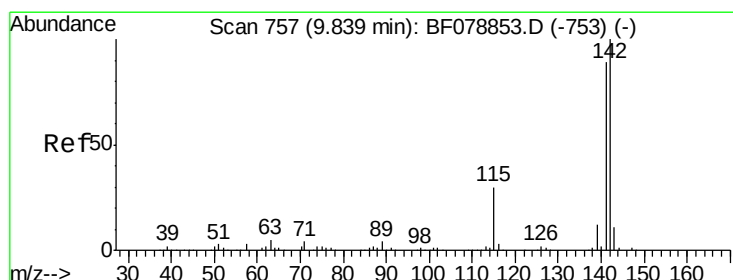
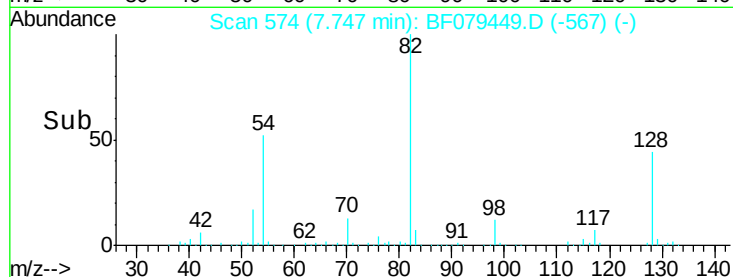
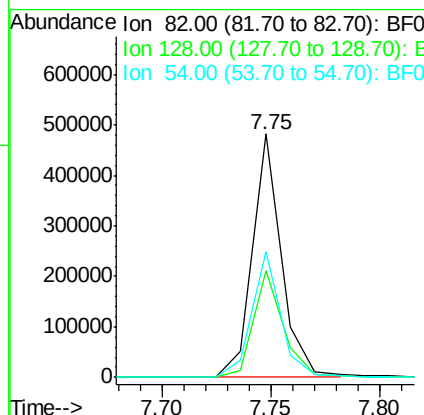
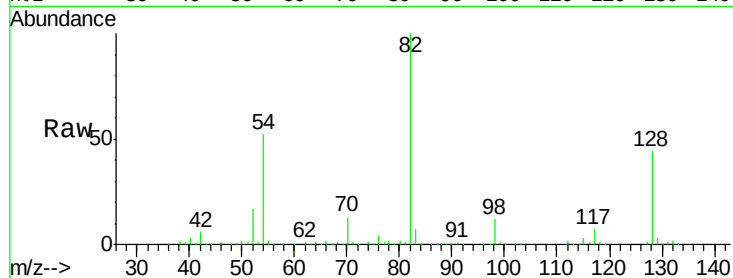
#23
 Nitrobenzene-d5
 Concen: 86.80 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF079449.D
 Acq: 22 May 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	29.7	44.5	
54	51.9	46.2	69.4	

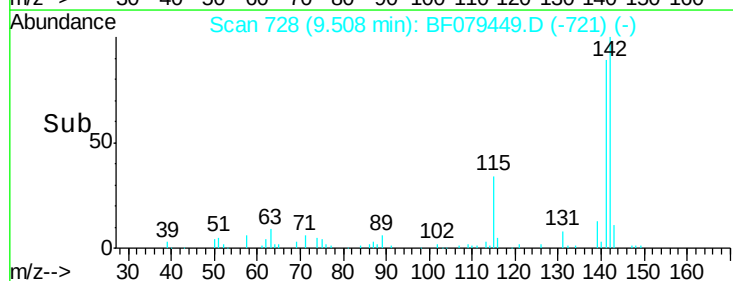
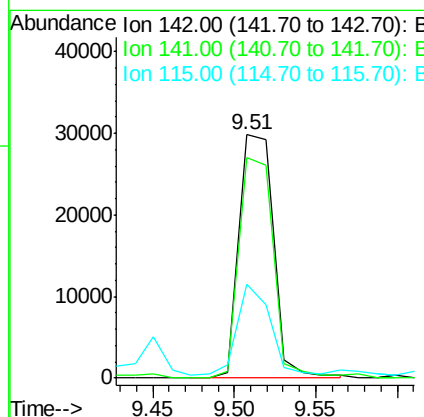
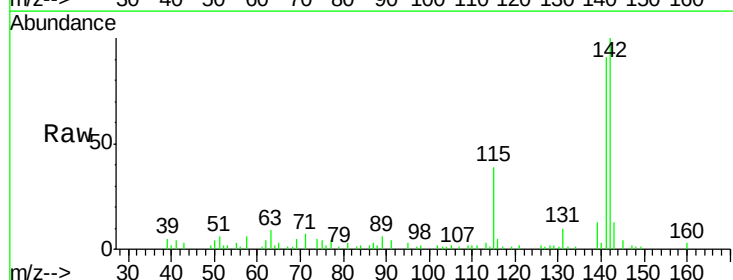
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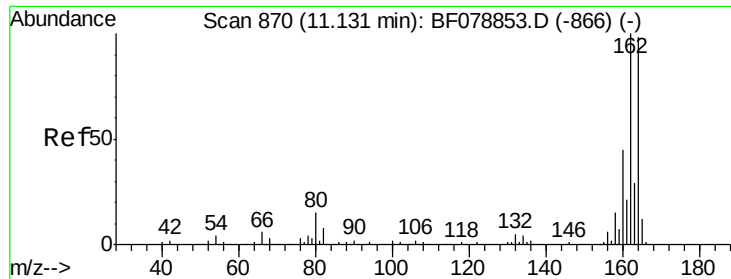
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#37
 2-Methylnaphthalene
 Concen: 4.47 ng
 RT: 9.51 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF079449.D
 Acq: 22 May 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.6	71.6	107.4	
115	38.7	24.2	36.4	





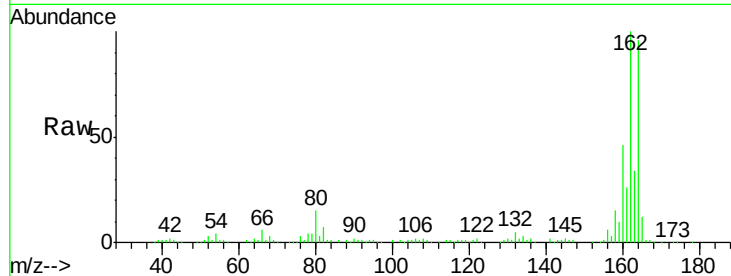
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF079449.D
Acq: 22 May 2015 22:51

Instrument :
BNA_F
ClientSampleId :
ERM-33

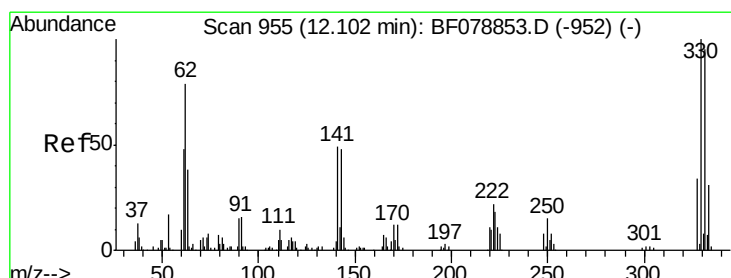
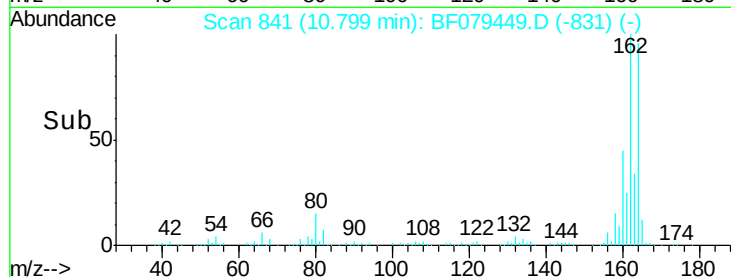
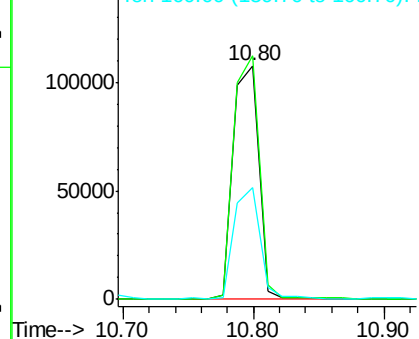
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	81.4	122.0	
160	47.6	36.6	54.8	

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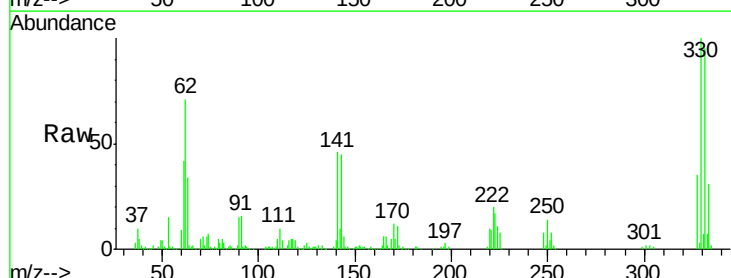


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

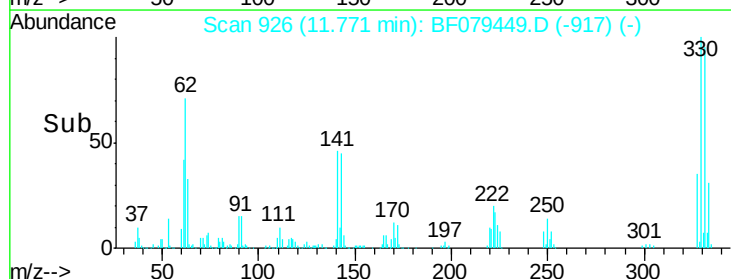
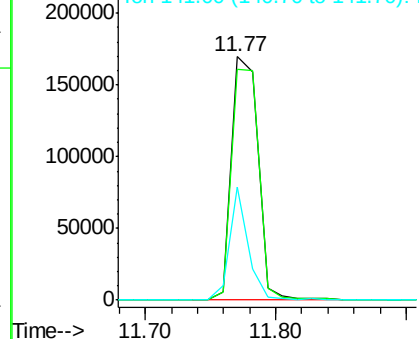


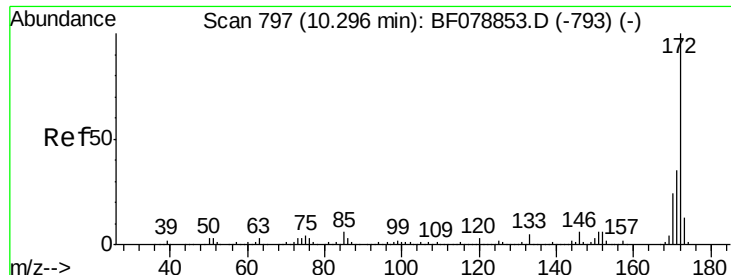
#41
2,4,6-Tribromophenol
Concen: 150.27 ng
RT: 11.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF079449.D
Acq: 22 May 2015 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.9	115.3	
141	33.0	27.8	41.8	



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





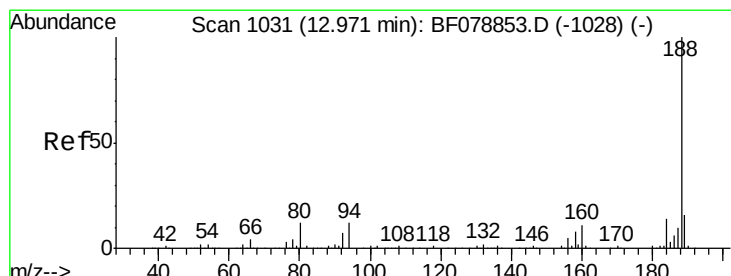
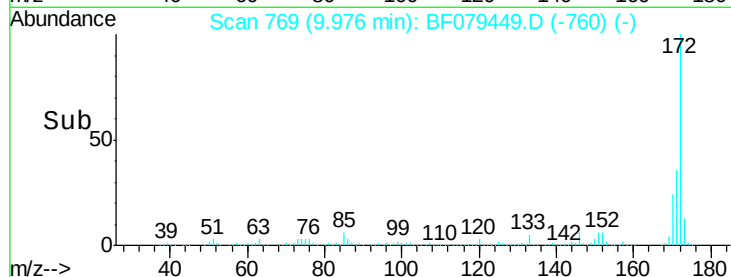
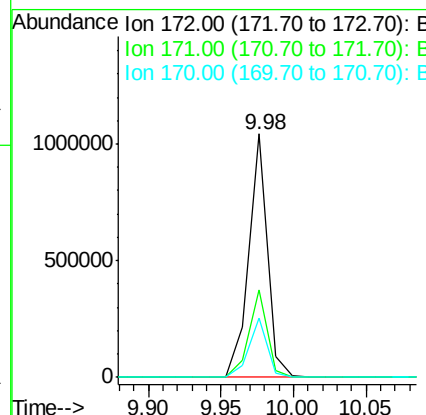
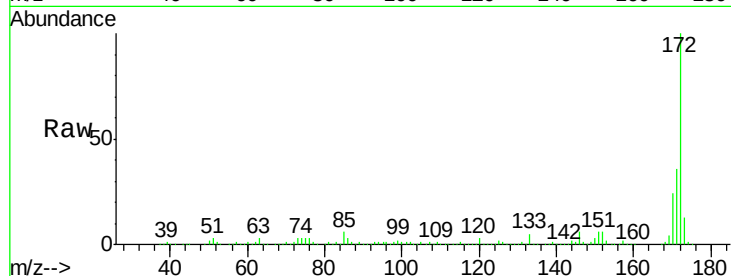
#44
 2-Fluorobiphenyl
 Concen: 88.20 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079449.D
 Acq: 22 May 2015 22:51

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Tot Ion:	172	Resp:	934290
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.3	42.5
170	24.3	19.4	29.2

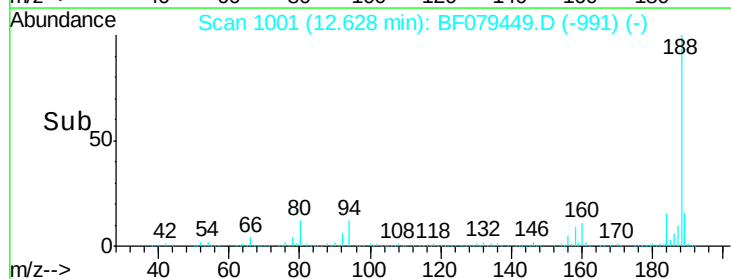
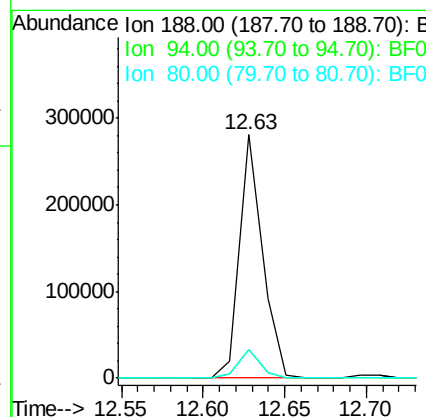
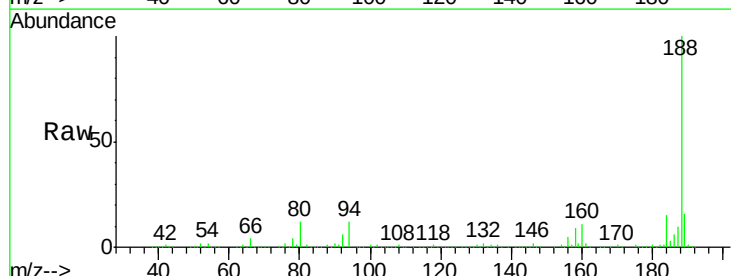
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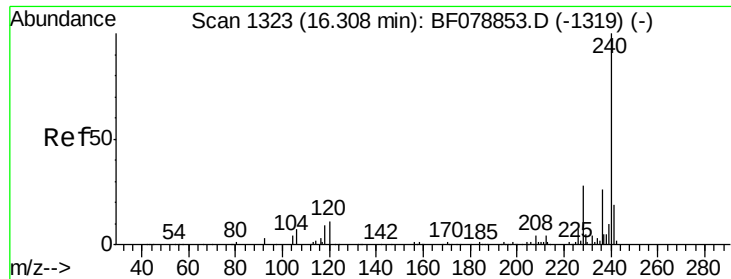
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.63 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF079449.D
 Acq: 22 May 2015 22:51

Tgt Ion:	188	Resp:	273575
Ion Ratio	Lower	Upper	
188	100		
94	11.6	9.4	14.0
80	11.9	9.8	14.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.91 min Scan# 1288

Delta R.T. -0.06 min

Lab File: BF079449.D

Acq: 22 May 2015 22:51

Instrument :

BNA_F

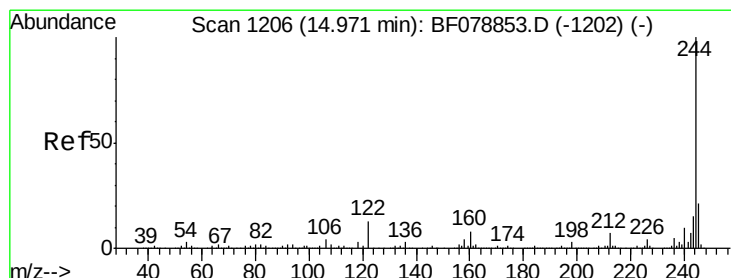
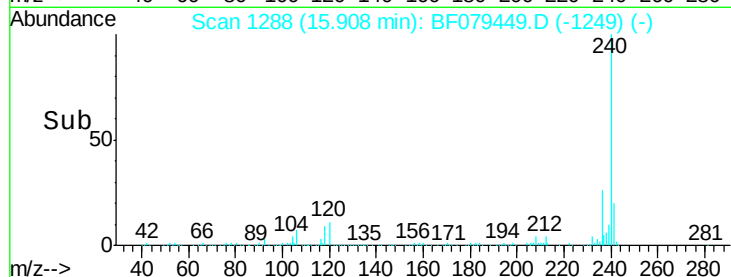
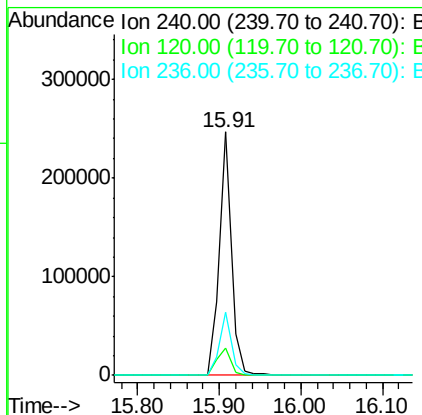
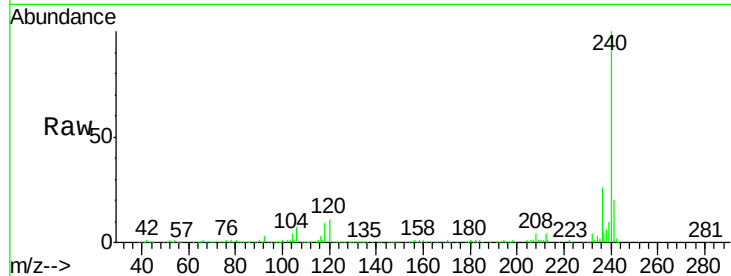
ClientSampleId :

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Tot Ion:	240	Resp:	257031
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.6	12.8
236	26.1	21.0	31.6

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#78

Terphenyl-d14

Concen: 88.31 ng

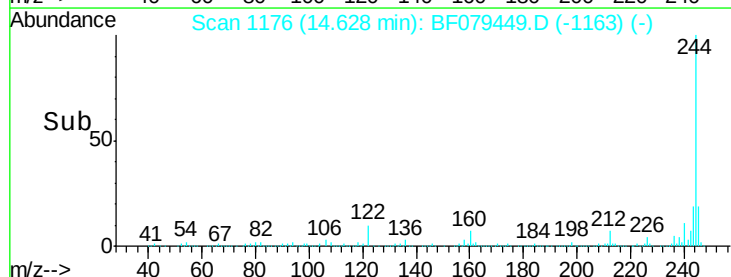
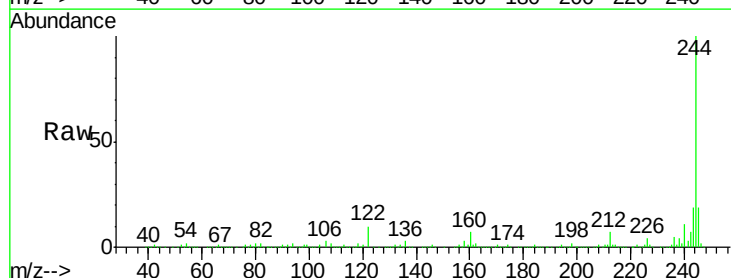
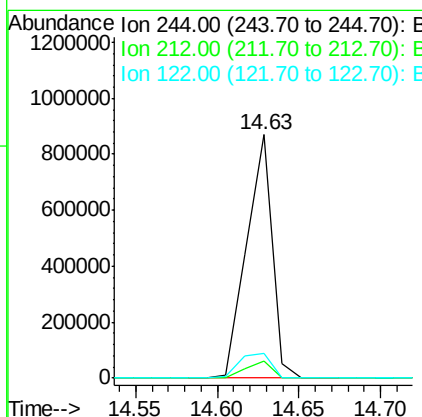
RT: 14.63 min Scan# 1176

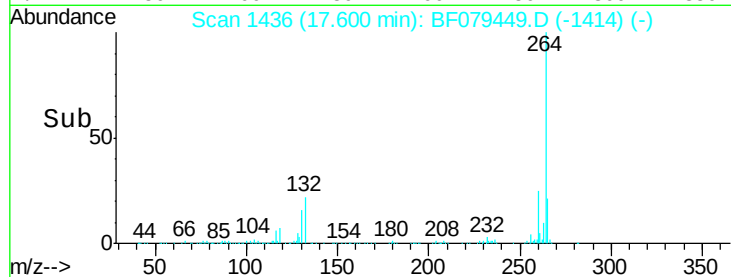
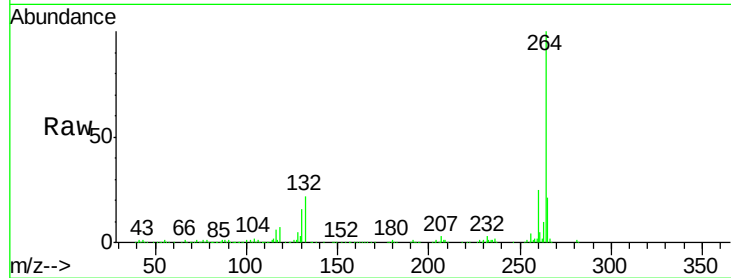
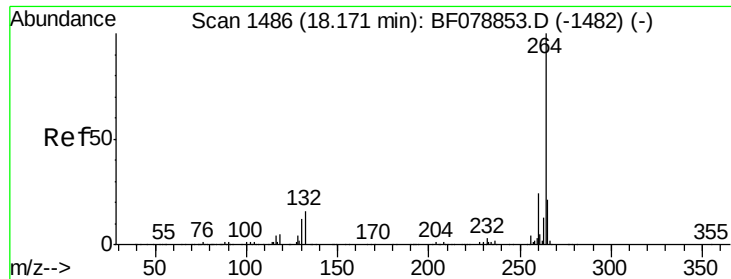
Delta R.T. -0.00 min

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Tgt Ion:	244	Resp:	948068
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	10.3	10.5	15.7#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF079449.D
Acq: 22 May 2015 22:51

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.2	25.8

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