

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077082.D
 Acq On : 27 Jan 2015 9:59
 Operator : TP/IZ
 Sample : G1160-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC012215-SOIL

Manual Integrations
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Quant Time: Jan 28 01:38:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:20:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	24752	20.00	ng	-0.01
21) Naphthalene-d8	10.68	136	96501	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	47368	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	87666	20.00	ng	0.00
75) Chrysene-d12	21.15	240	83787	20.00	ng	0.00
86) Perylene-d12	22.78	264	77557	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	140206	93.13	ng	-0.02
7) Phenol-d6	7.18	99	174080	91.66	ng	-0.03
23) Nitrobenzene-d5	9.06	82	110930	63.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	41758	108.60	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	203271	65.31	ng	-0.01
78) Terphenyl-d14	19.88	244	201747	55.43	ng	0.00
Target Compounds						
10) Phenol	7.21	94	5907	2.93	ng	# 71
49) Dimethylphthalate	14.40	163	22692	6.76	ng	99
70) Phenanthrene	17.67	178	16189	2.96	ng	98
73) Di-n-butylphthalate	18.63	149	22633	3.78	ng	# 96
74) Fluoranthene	19.32	202	20895	3.73	ng	97
77) Pyrene	19.60	202	22379	3.90	ng	# 92
80) Benzo(a)anthracene	21.13	228	11689	2.22	ng	# 95
82) Chrysene	21.17	228	11628m	2.43	ng	
83) Bis(2-ethylhexyl)phthalate	21.28	149	49754	13.83	ng	# 99
87) Benzo(b)fluoranthene	22.38	252	11329m	2.17	ng	

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

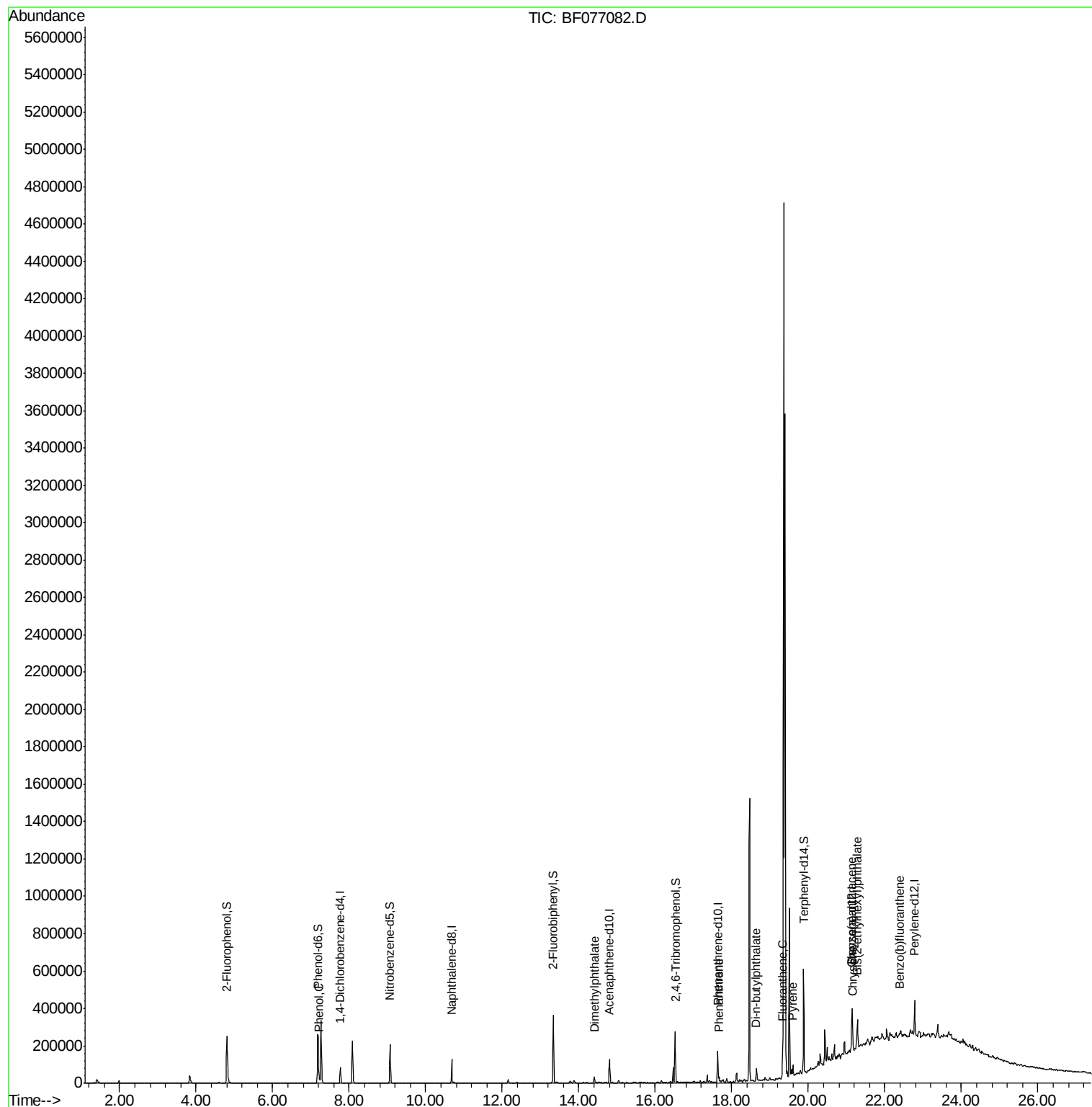
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077082.D
Acq On : 27 Jan 2015 9:59
Operator : TP/IZ
Sample : G1160-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

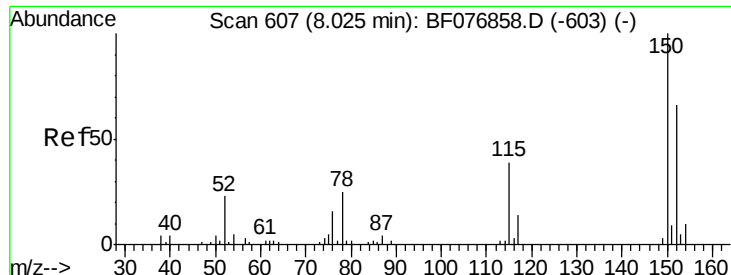
Instrument :
BNA_F
ClientSampleId :
WC012215-SOIL

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Quant Time: Jan 28 01:38:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:20:43 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF077082.D

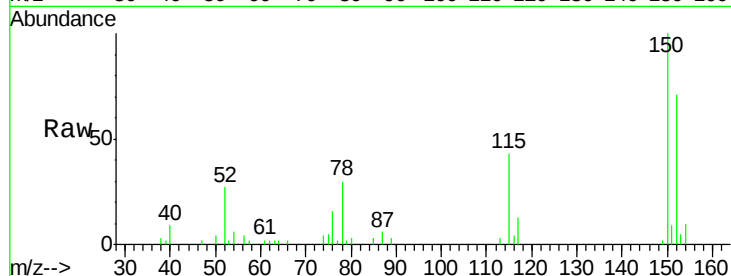
Acq: 27 Jan 2015 9:59

Instrument :

BNA_F

ClientSampleID :

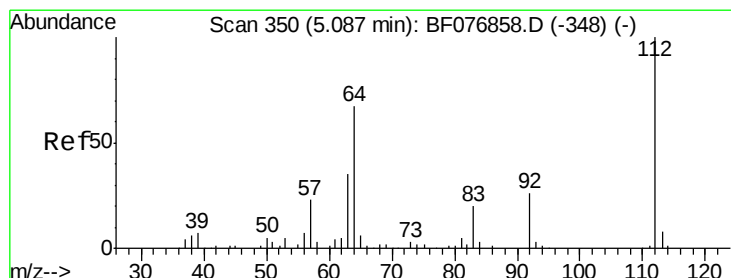
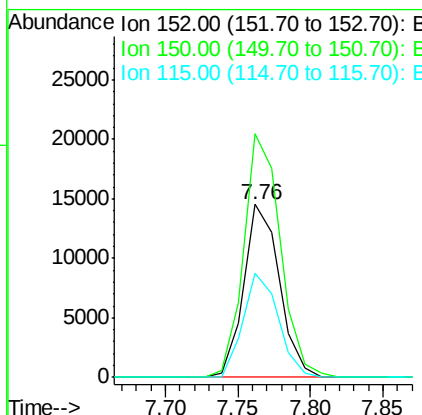
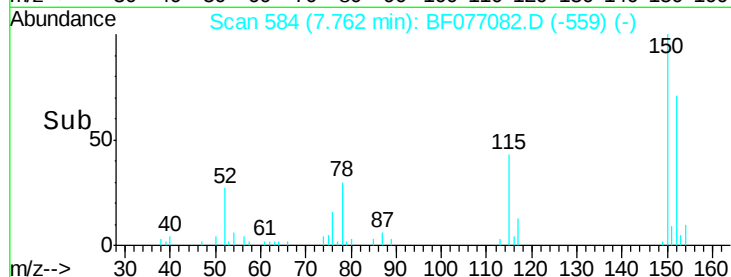
WC012215-SOIL



Tgt Ion:	152	Resp:	24752
Ion Ratio	Lower	Upper	
152	100		
150	140.6	121.7	182.5
115	59.9	47.0	70.6

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#5

2-Fluorophenol

Concen: 93.13 ng

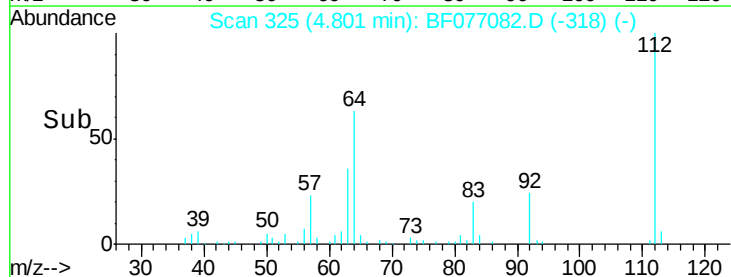
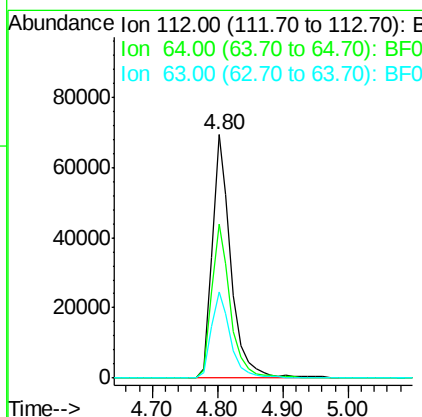
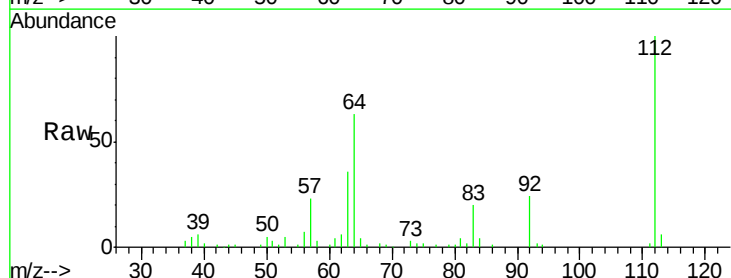
RT: 4.80 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF077082.D

Acq: 27 Jan 2015 9:59

Tgt Ion:	112	Resp:	140206
Ion Ratio	Lower	Upper	
112	100		
64	63.4	54.2	81.4
63	35.5	28.4	42.6





#7

Phenol-d6

Concen: 91.66 ng

RT: 7.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF077082.D

Acq: 27 Jan 2015 9:59

Instrument :

BNA_F

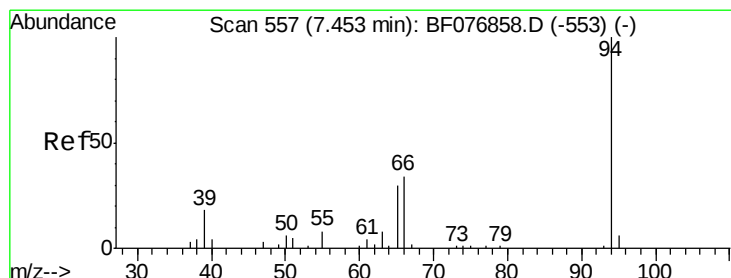
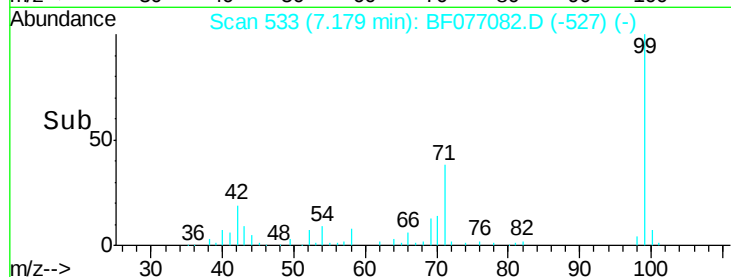
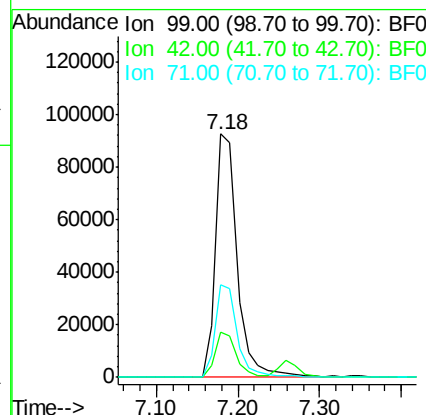
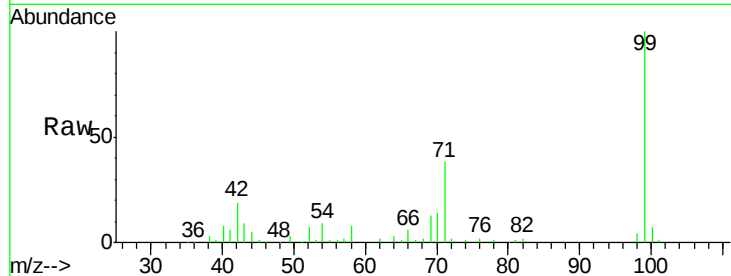
ClientSampleId :

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Tgt Ion:	99	Resp:	174080
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	38.3	30.5	45.7

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#10

Phenol

Concen: 2.93 ng

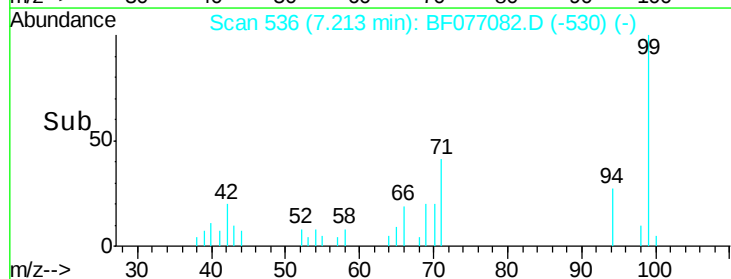
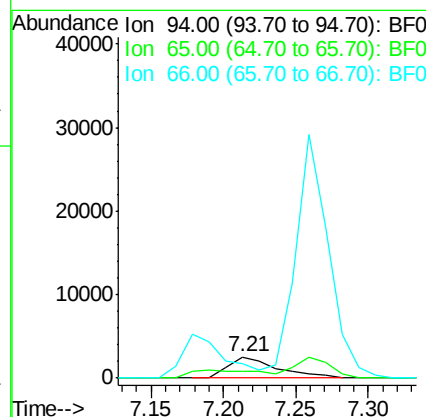
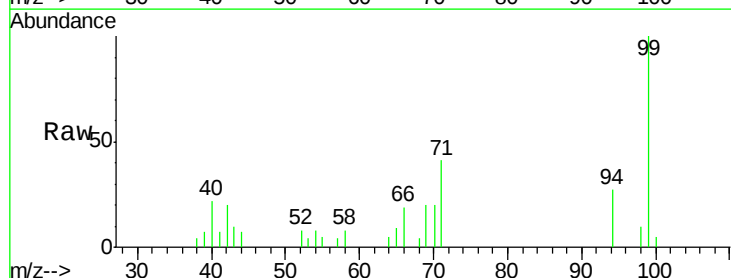
RT: 7.21 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF077082.D

Acq: 27 Jan 2015 9:59

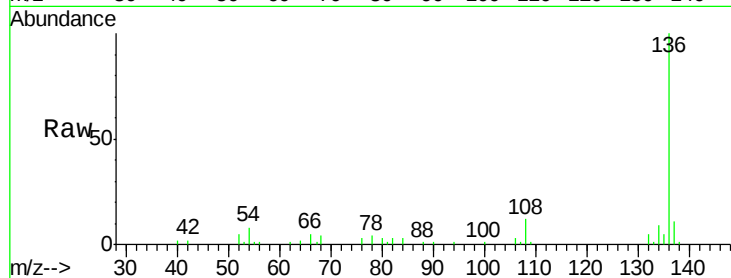
Tgt Ion:	94	Resp:	5907
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.3	51.3
66	70.1	19.5	59.5#





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF077082.D
Acq: 27 Jan 2015 9:59

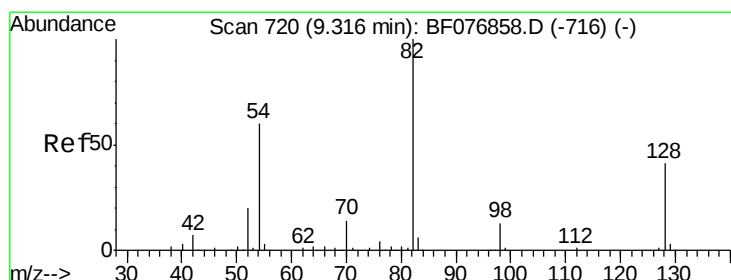
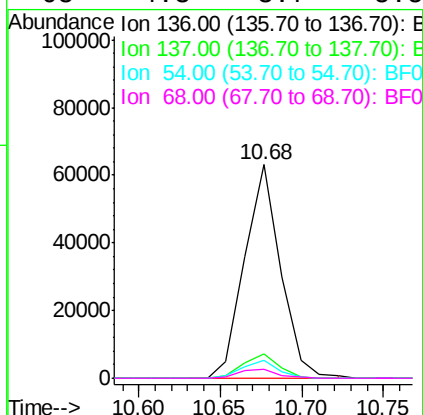
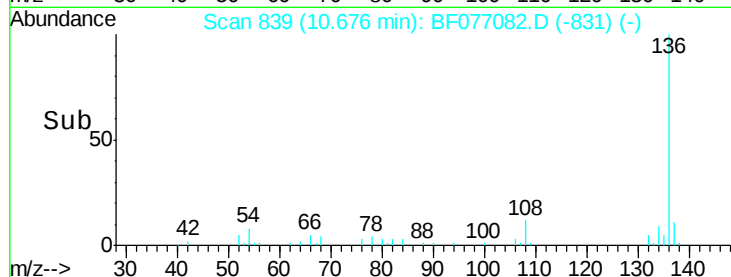
Instrument :
BNA_F
ClientSampleId :
WC012215-SOIL



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	8.1	12.1
54	8.3	7.0	10.4
68	4.3	3.7	5.5

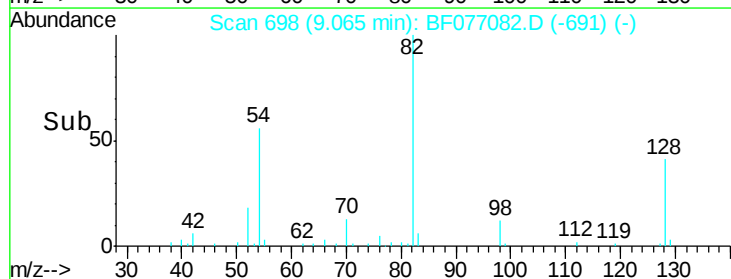
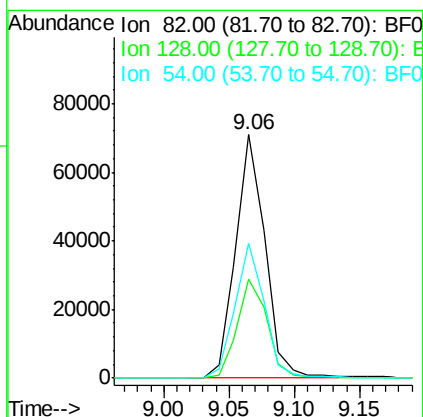
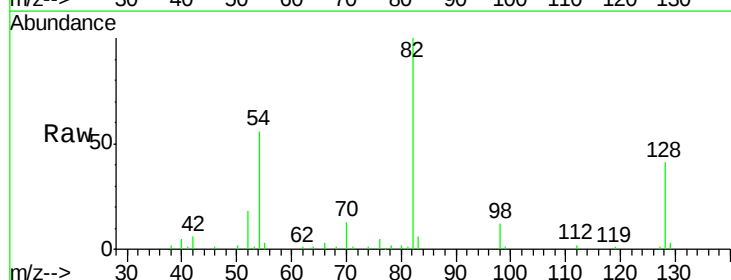
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#23
Nitrobenzene-d5
Concen: 63.68 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF077082.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.8	33.1	49.7
54	55.6	48.3	72.5





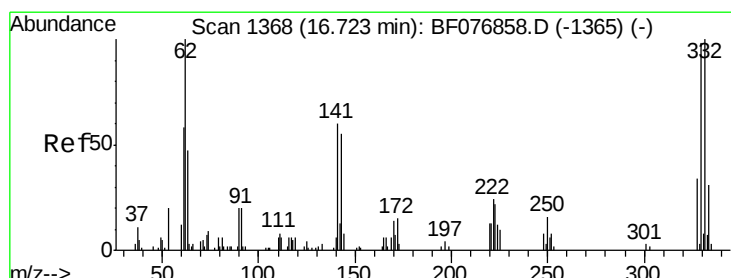
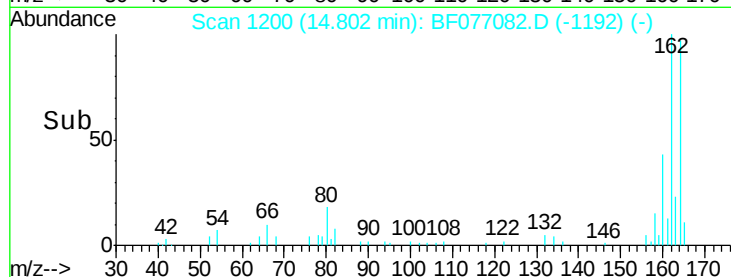
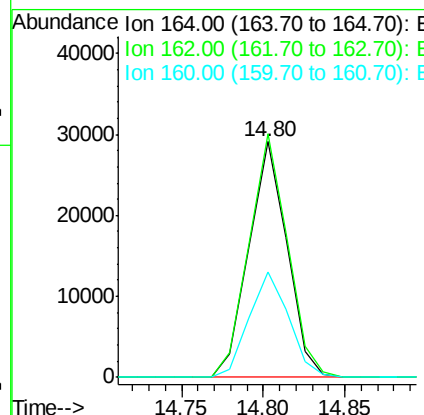
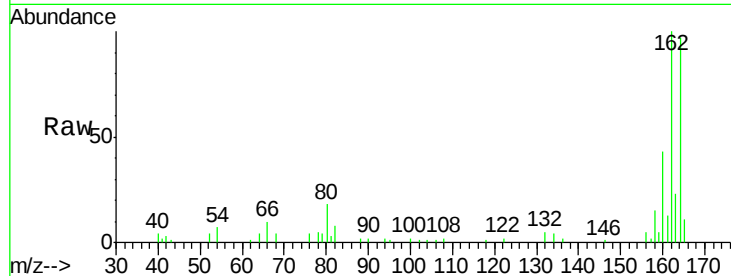
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF077082.D
Acq: 27 Jan 2015 9:59

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47368		
162	103.3	82.4	123.6	
160	44.8	34.8	52.2	

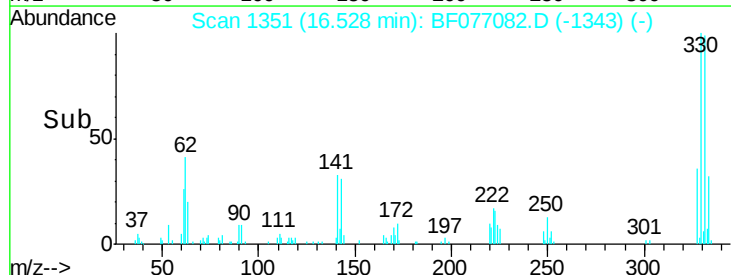
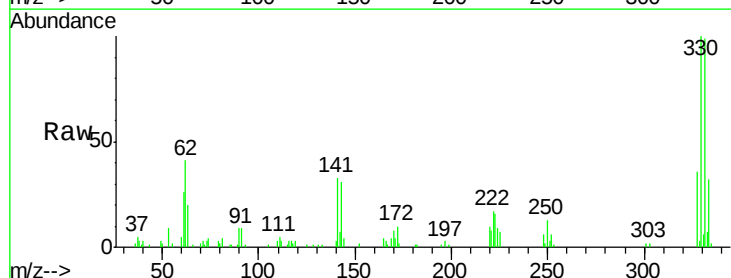
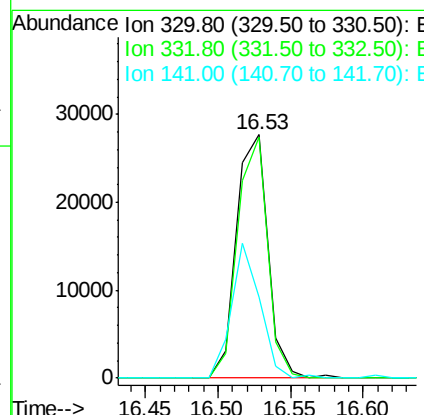
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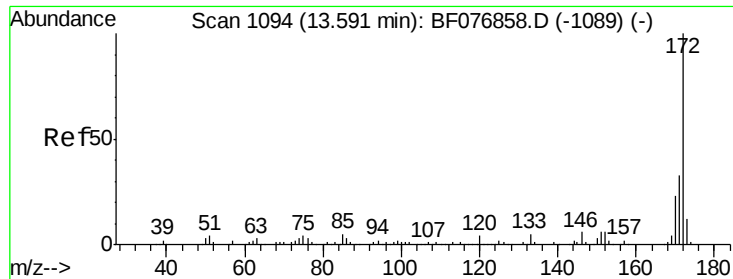
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#41
2,4,6-Tribromophenol
Concen: 108.60 ng
RT: 16.53 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF077082.D
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	41758		
332	94.4	77.8	116.6	
141	50.2	38.5	57.7	





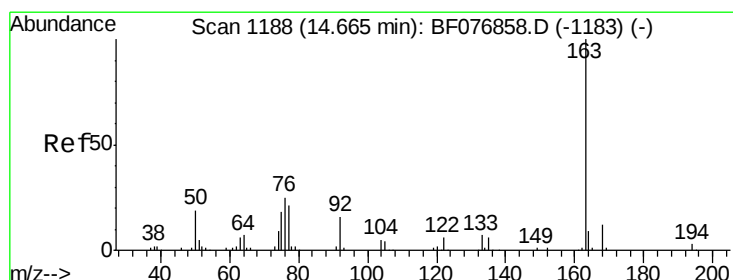
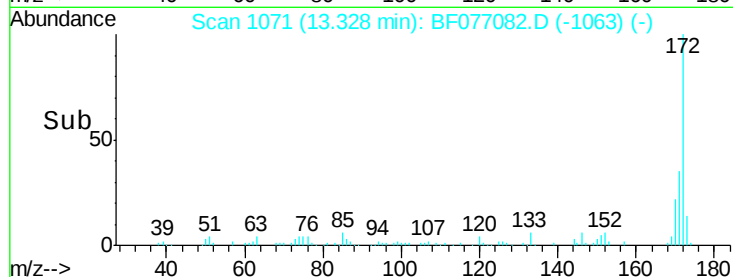
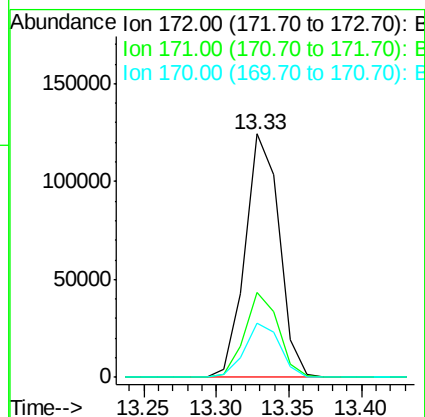
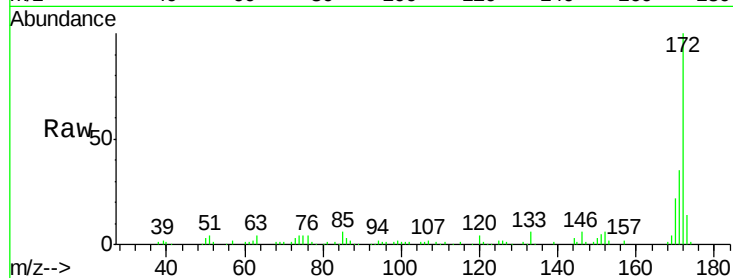
#44
2-Fluorobiphenyl
Concen: 65.31 ng
RT: 13.33 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF077082.D
Acq: 27 Jan 2015 9:59

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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.0	26.6	40.0
170	22.3	18.0	27.0

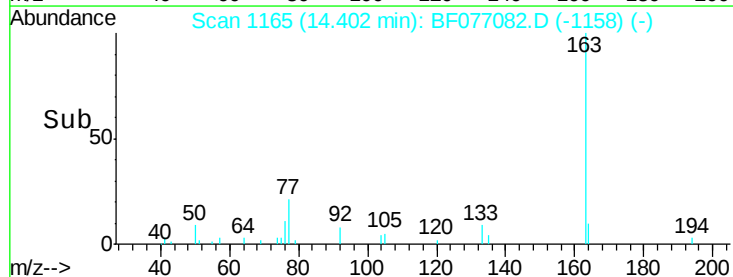
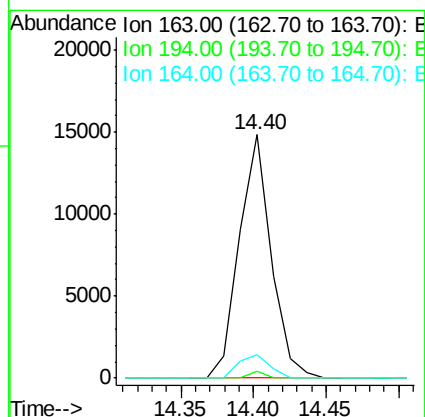
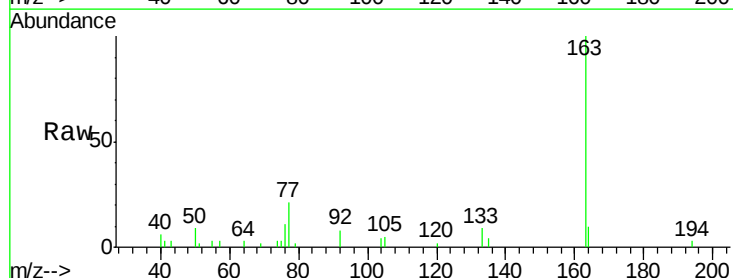
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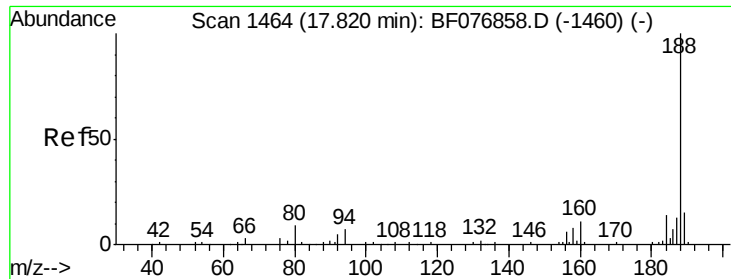
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#49
Dimethylphthalate
Concen: 6.76 ng
RT: 14.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF077082.D
Acq: 27 Jan 2015 9:59

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.7	7.5	11.3





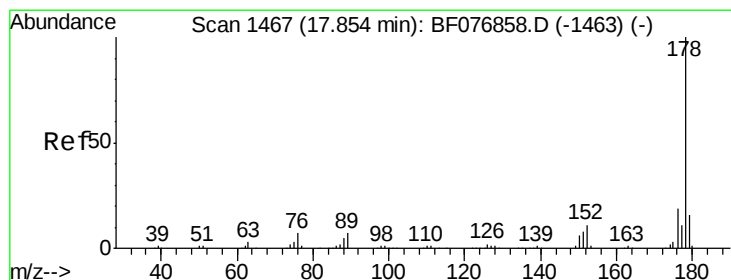
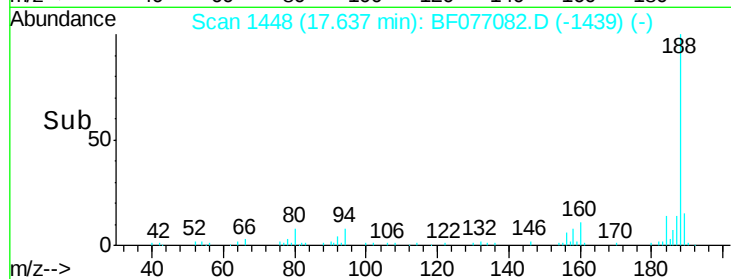
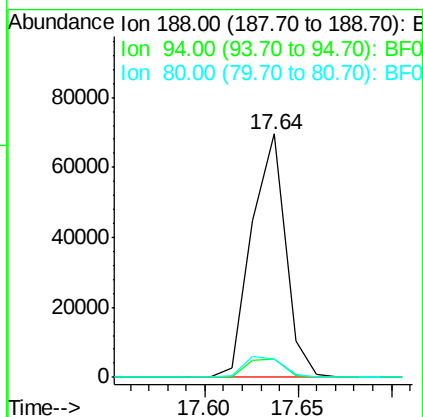
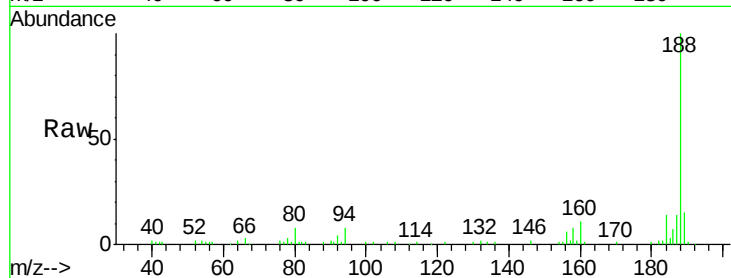
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF077082.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	6.0	9.0
80	7.6	6.9	10.3

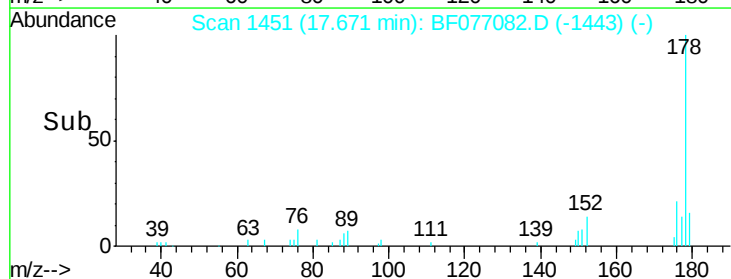
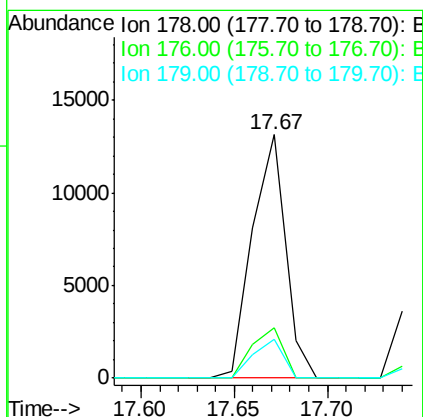
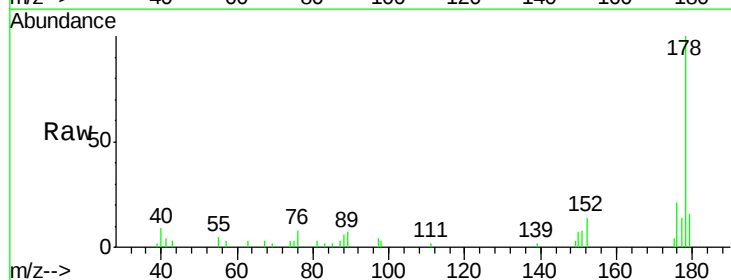
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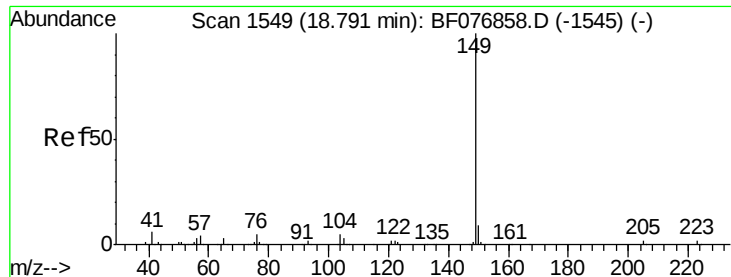
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#70
 Phenanthrene
 Concen: 2.96 ng
 RT: 17.67 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF077082.D
 Acq: 27 Jan 2015 9:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.7	15.1	22.7
179	15.8	12.7	19.1





#73

Di-n-butylphthalate

Concen: 3.78 ng

RT: 18.63 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF077082.D

Acq: 27 Jan 2015 9:59

Instrument :

BNA_F

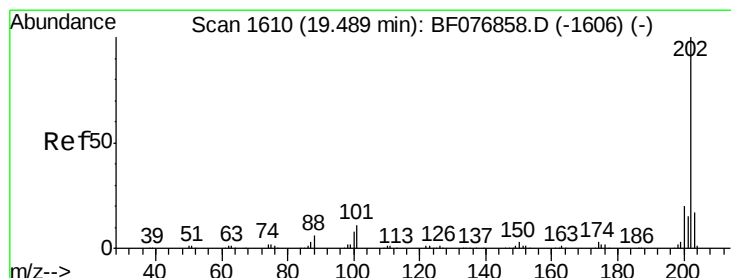
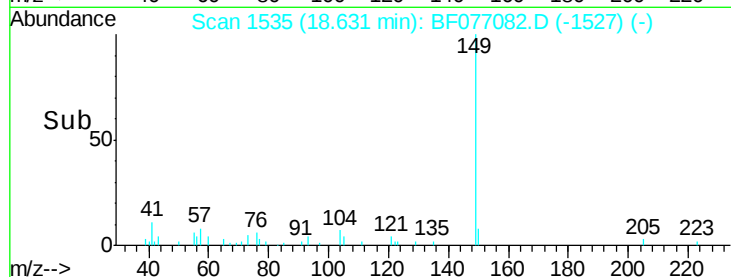
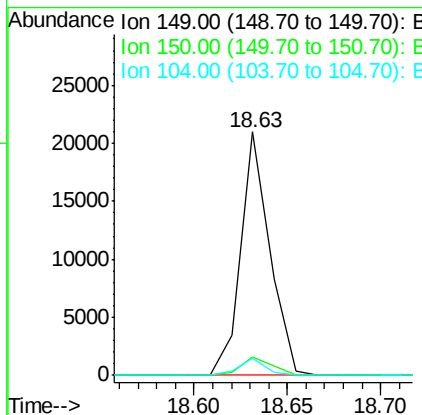
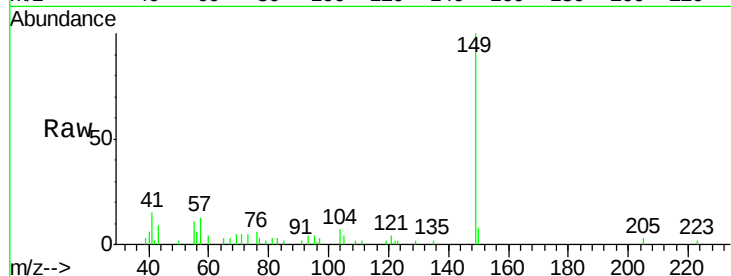
ClientSampleId :

WC012215-SOIL

Tgt Ion:	149	Resp:	22633
Ion Ratio	Lower	Upper	
149	100		
150	7.5	6.9	10.3
104	6.8	3.7	5.5#

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#74

Fluoranthene

Concen: 3.73 ng

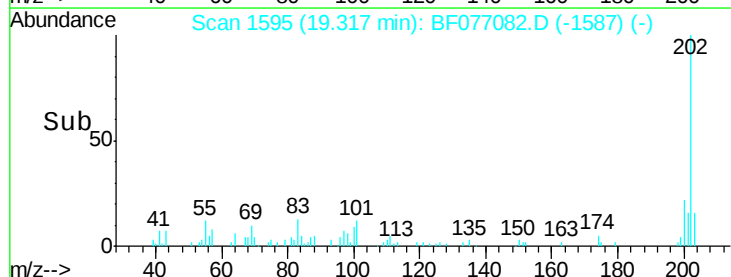
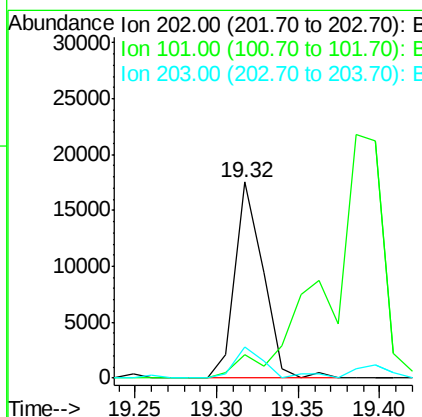
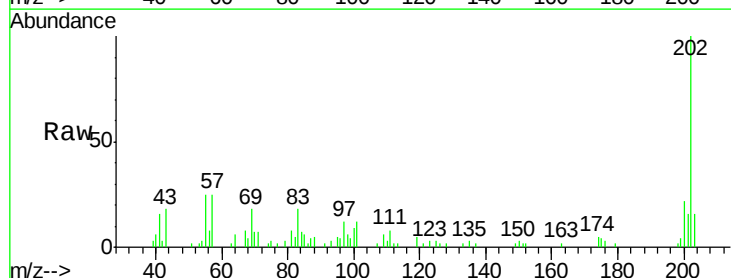
RT: 19.32 min Scan# 1595

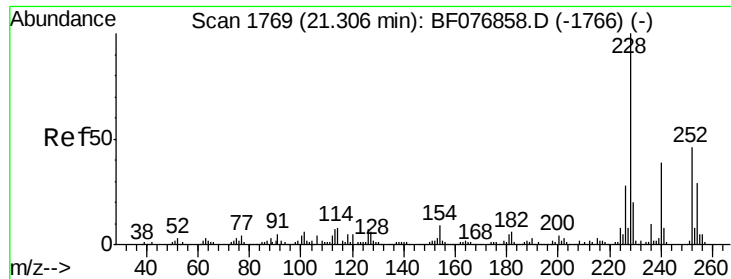
Delta R.T. -0.01 min

Lab File: BF077082.D

Acq: 27 Jan 2015 9:59

Tgt Ion:	202	Resp:	20895
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	30.7
203	15.7	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF077082.D

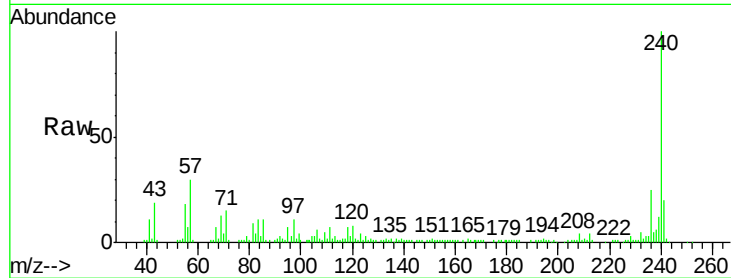
Acq: 27 Jan 2015 9:59

Instrument :

BNA_F

ClientSampleId :

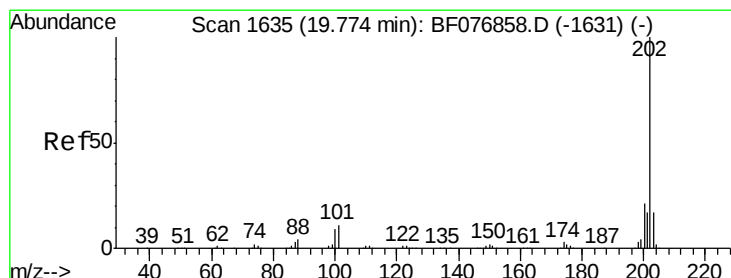
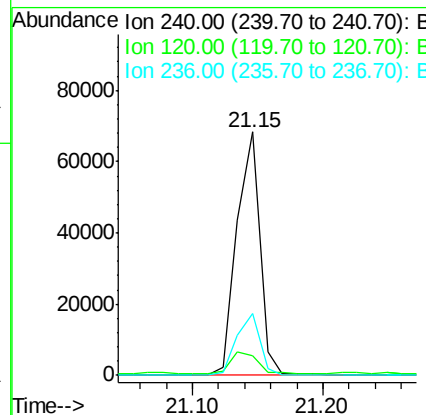
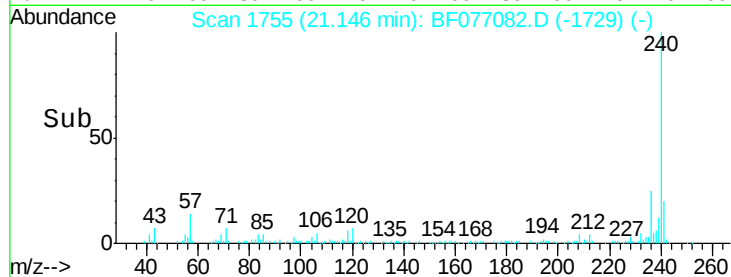
WC012215-SOIL



Tgt Ion:	240	Resp:	83787
Ion Ratio	Lower	Upper	
240	100		
120	7.9	10.4	15.6#
236	25.5	20.2	30.2

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#77

Pyrene

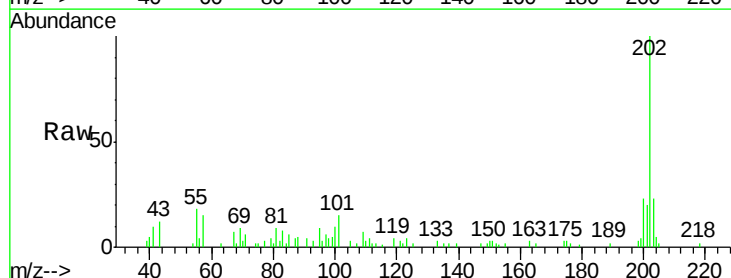
Concen: 3.90 ng

RT: 19.60 min Scan# 1620

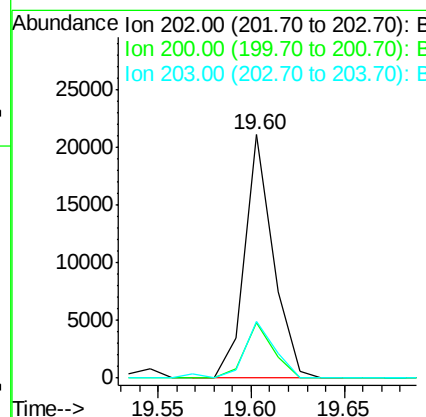
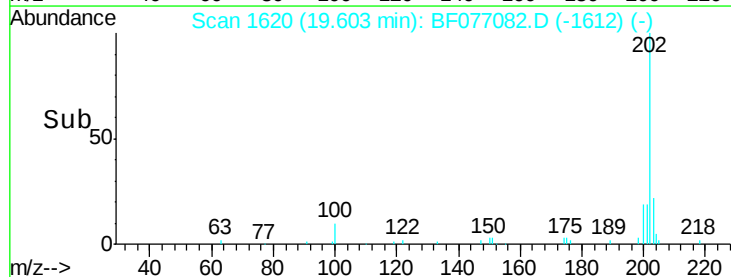
Delta R.T. -0.01 min

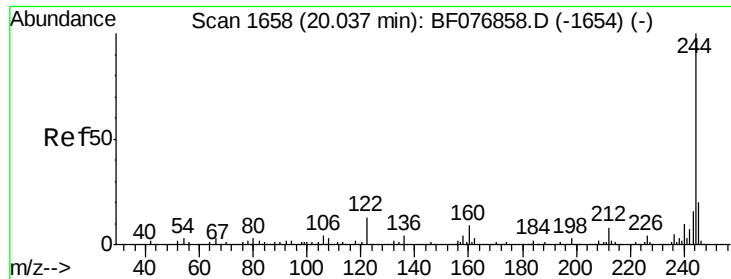
Lab File: BF077082.D

Acq: 27 Jan 2015 9:59



Tgt Ion:	202	Resp:	22379
Ion Ratio	Lower	Upper	
202	100		
200	22.8	16.7	25.1
203	23.1	14.0	21.0#





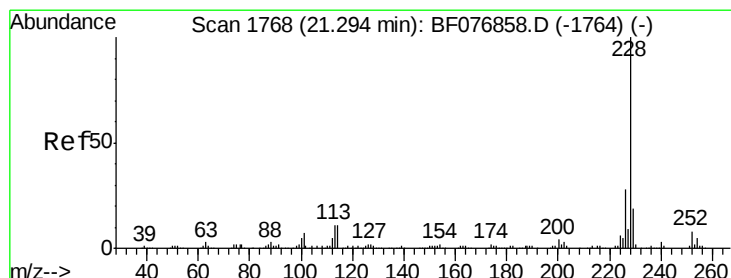
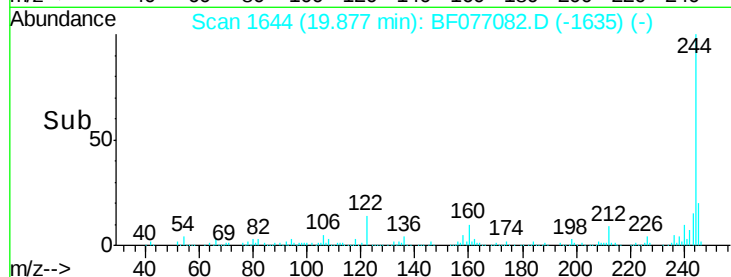
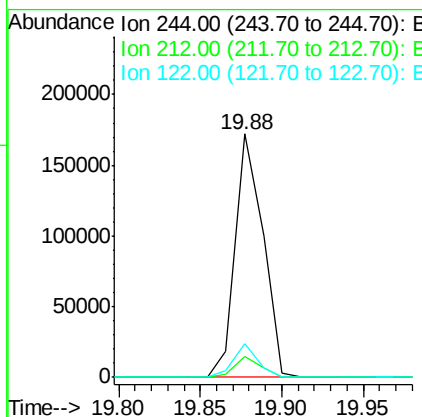
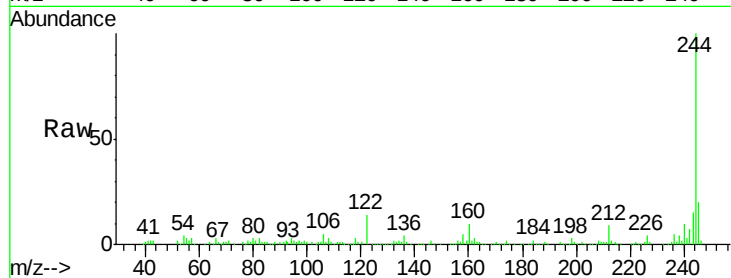
#78
 Terphenyl-d14
 Concen: 55.43 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077082.D
 Acq: 27 Jan 2015 9:59

Instrument :
 BNA_F
 ClientSampleId :
 WC012215-SOIL

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.6	6.3	9.5
122	13.9	10.1	15.1

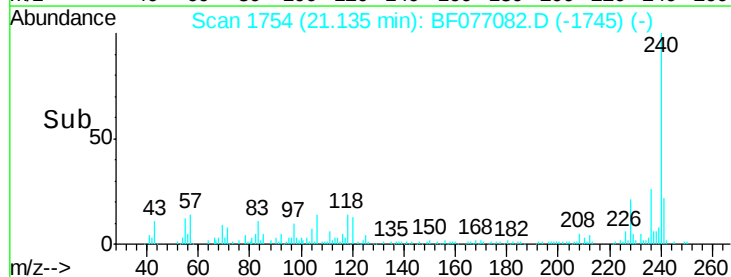
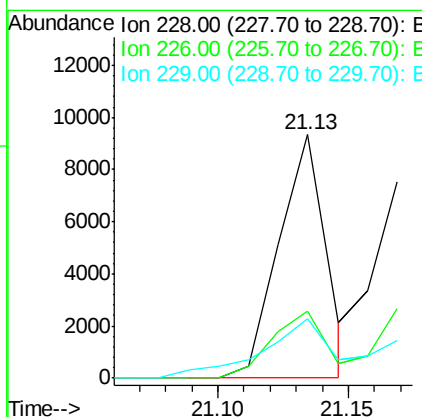
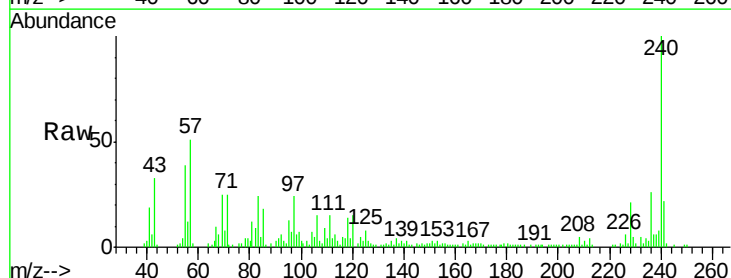
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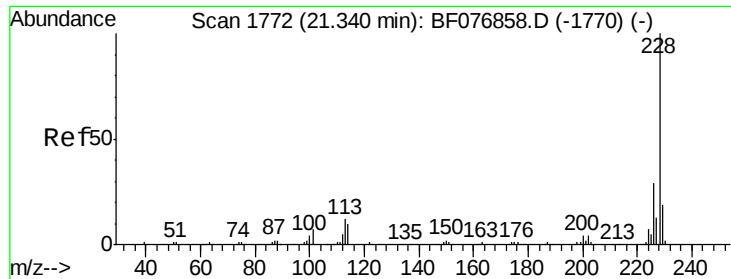
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#80
 Benzo(a)anthracene
 Concen: 2.22 ng
 RT: 21.13 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BF077082.D
 Acq: 27 Jan 2015 9:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.1	33.1
229	24.4	15.5	23.3





#82

Chrysene

Concen: 2.43 ng m

RT: 21.17 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF077082.D

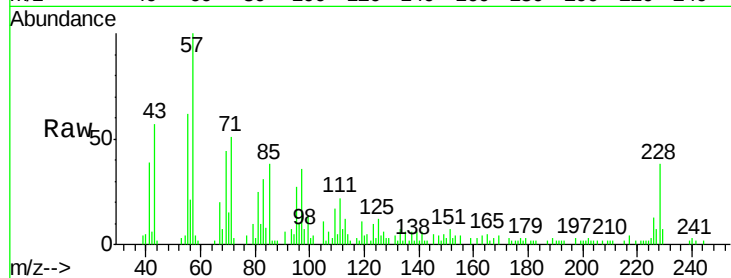
Acq: 27 Jan 2015 9:59

Instrument :

BNA_F

ClientSampleId :

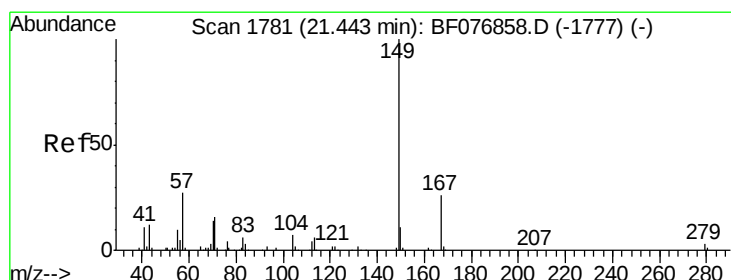
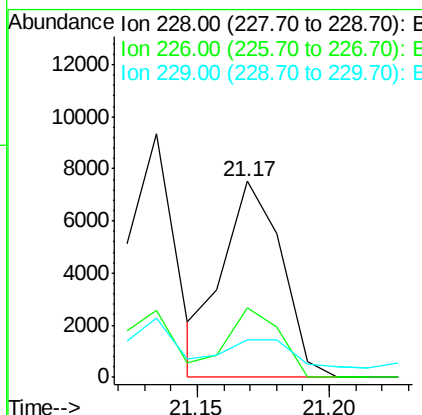
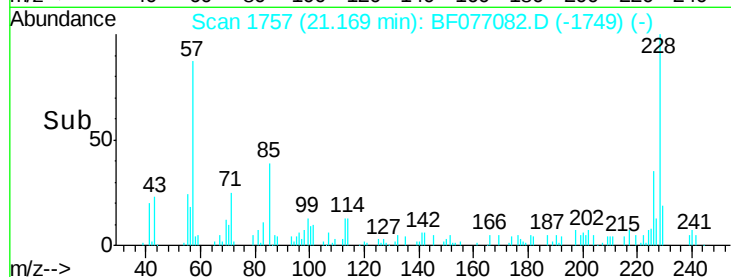
WC012215-SOIL



Tgt Ion:	228	Resp:	11628
Ion Ratio	Lower	Upper	
228	100		
226	35.2	23.4	35.0#
229	19.3	15.4	23.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 13.83 ng

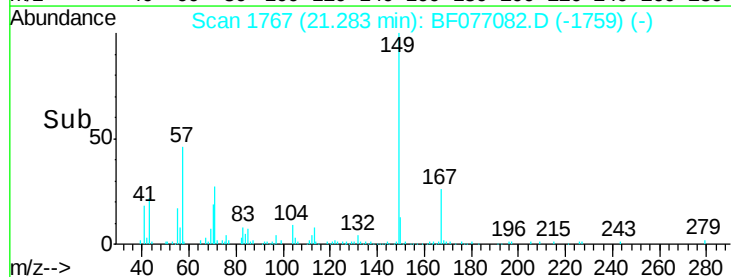
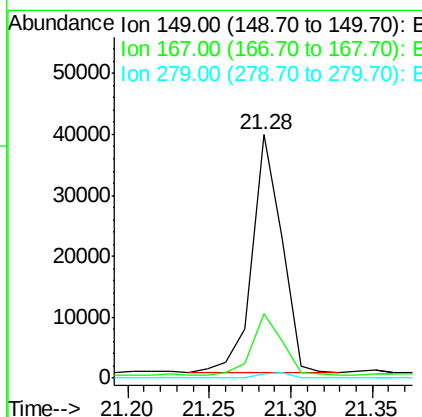
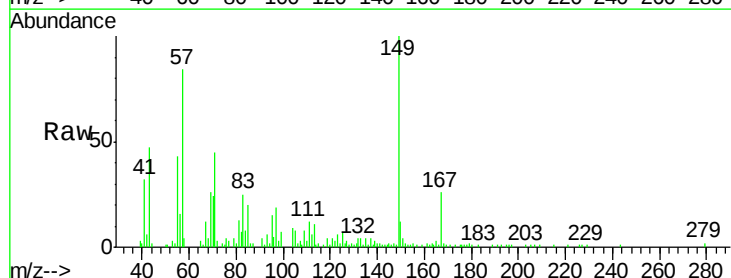
RT: 21.28 min Scan# 1767

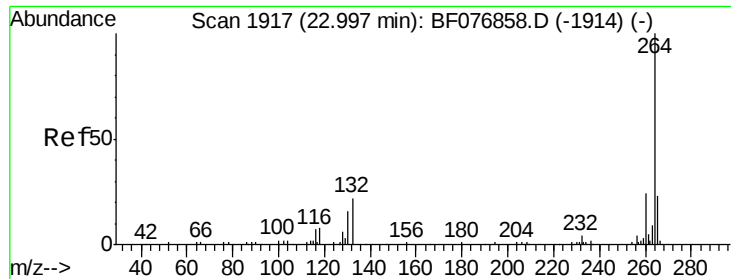
Delta R.T. -0.01 min

Lab File: BF077082.D

Acq: 27 Jan 2015 9:59

Tgt Ion:	149	Resp:	49754
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.6	30.8
279	1.9	2.2	3.2#





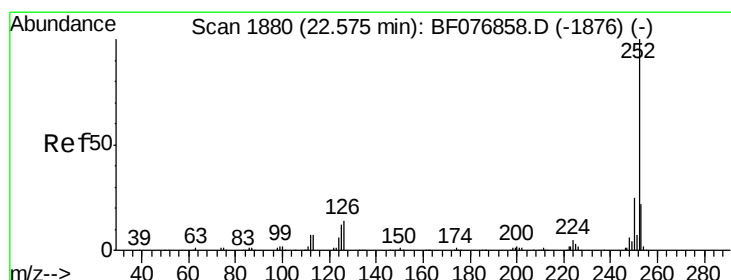
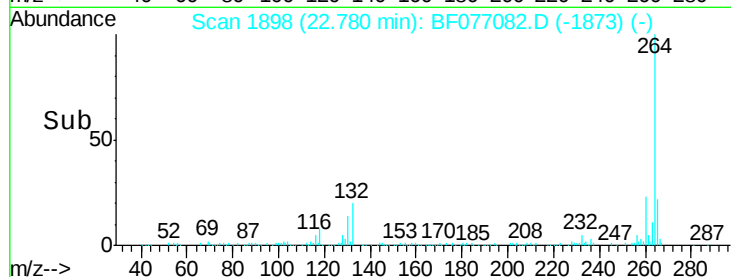
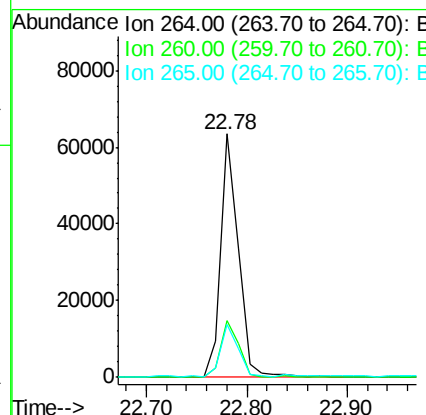
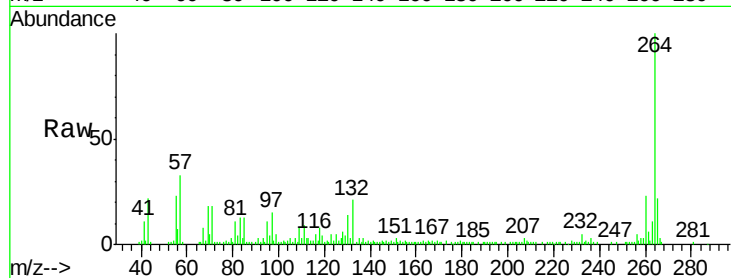
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.78 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF077082.D
Acq: 27 Jan 2015 9:59

Instrument :
BNA_F
ClientSampleId :
WC012215-SOIL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.5	18.1	27.1

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#87
Benzo(b)fluoranthene
Concen: 2.17 ng m
RT: 22.38 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BF077082.D
Acq: 27 Jan 2015 9:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	45.5	9.4	14.0#

