

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085686.D
 Acq On : 23 Mar 2016 5:04
 Operator : UM/SJ
 Sample : H1886-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Manual Integrations
 APPROVED

Sohil
 3/23/2016 1:30:19 PM

Quant Time: Mar 23 06:47:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	137435	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	578084	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	249139	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	456575	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	262352	20.00	ng	-0.03
86) Perylene-d12	15.40	264	244166	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1165589	142.45	ng	-0.01
7) Phenol-d6	6.47	99	1497248	142.67	ng	-0.02
23) Nitrobenzene-d5	7.40	82	991362	99.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	421159	172.57	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1462019	106.97	ng	-0.02
78) Terphenyl-d14	12.94	244	1144590	104.98	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	312350	16.61	ng	99
74) Fluoranthene	12.56	202	84524	3.35	ng	89
77) Pyrene	12.79	202	76572	4.06	ng	97
80) Benzo(a)anthracene	13.97	228	43505	2.86	ng	97
82) Chrysene	14.00	228	33056m	2.26	ng	
85) Indeno(1,2,3-cd)pyrene	16.78	276	29903	2.44	ng	96
87) Benzo(b)fluoranthene	15.00	252	52661m	3.31	ng	
89) Benzo(a)pyrene	15.34	252	38418	2.84	ng	# 94
91) Benzo(g,h,i)perylene	17.19	276	34471	3.16	ng	97

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

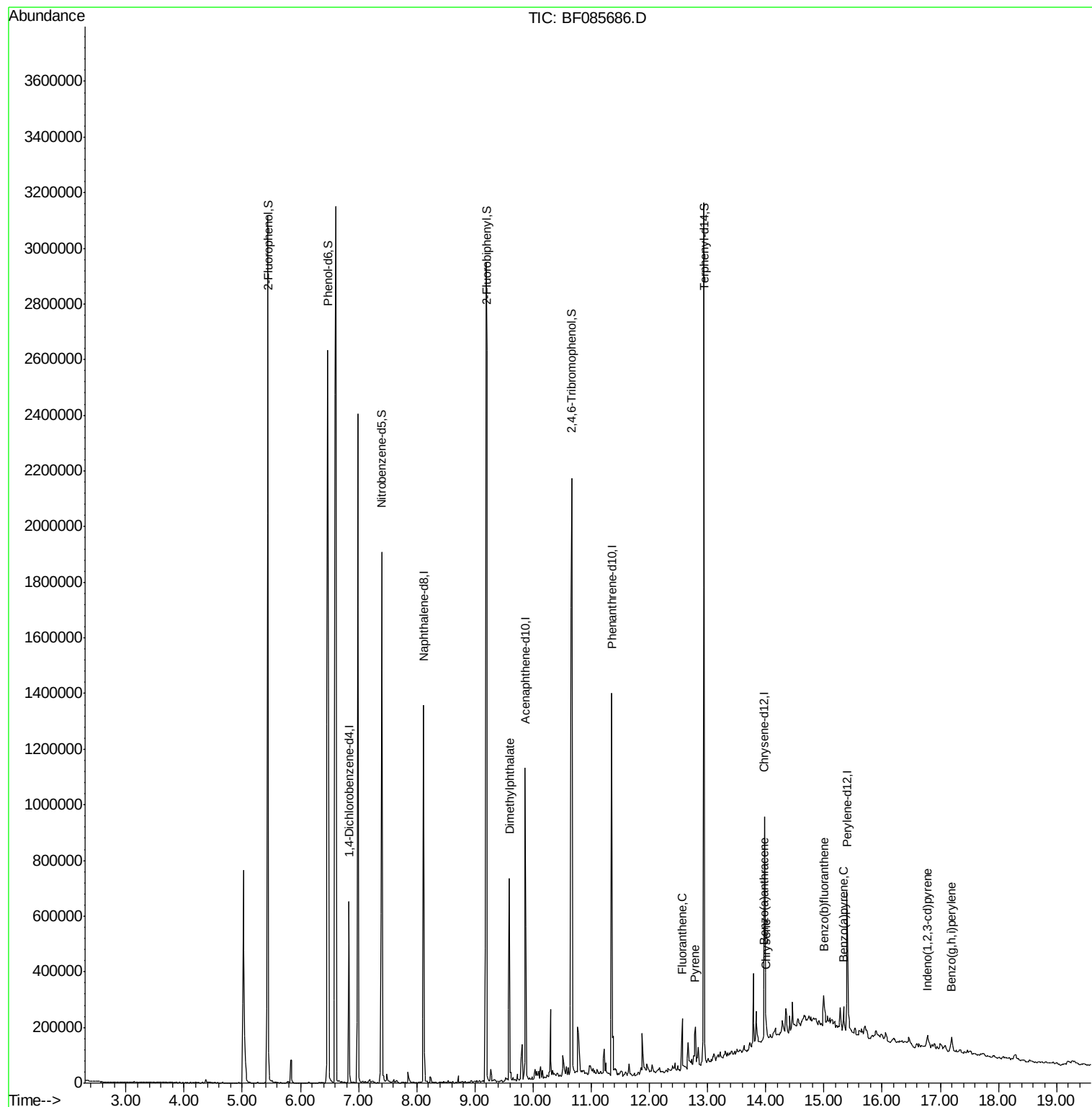
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085686.D
Acq On : 23 Mar 2016 5:04
Operator : UM/SJ
Sample : H1886-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

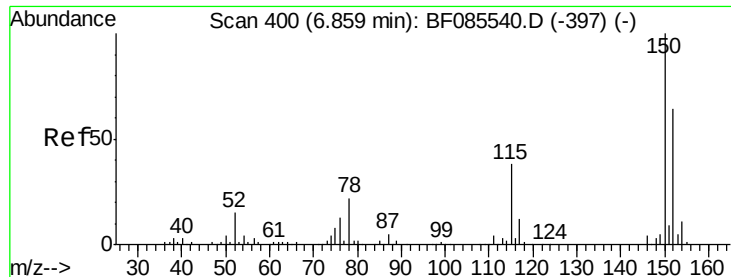
Instrument :
BNA_F
ClientSampleId :
SP-6

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#1

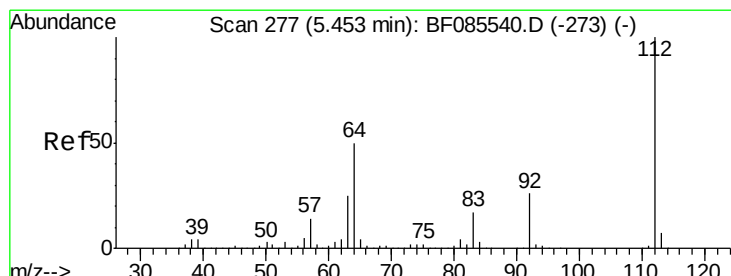
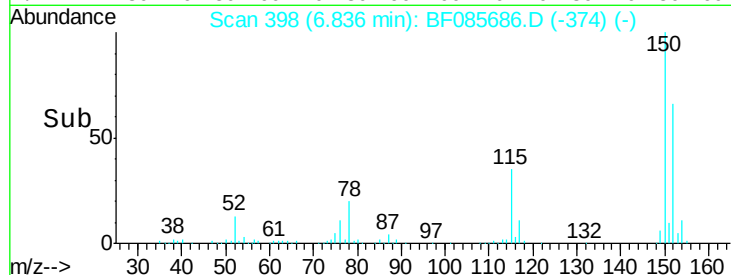
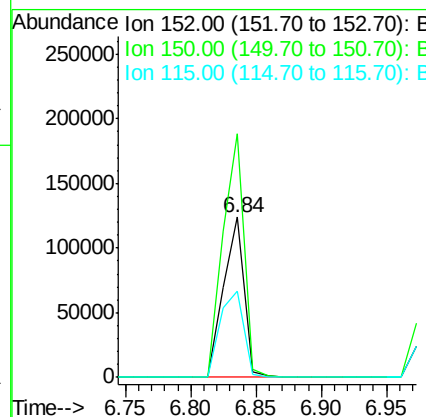
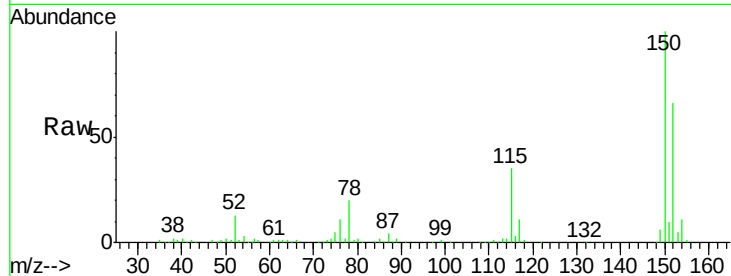
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085686.D
Acq: 23 Mar 2016 5:04

Instrument :
BNA_F
ClientSampled :
SP-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.2	186.2
115	53.9	47.0	70.6

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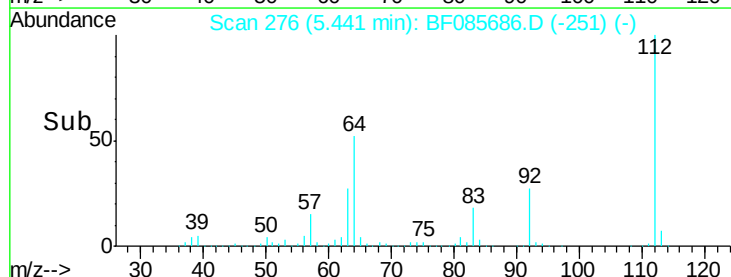
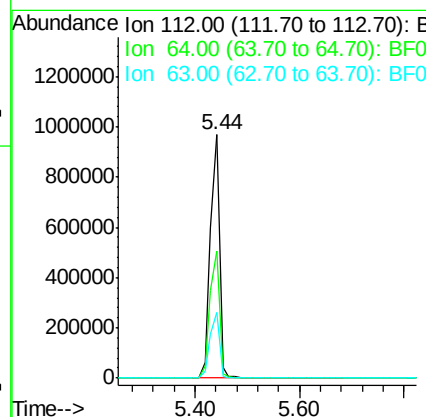
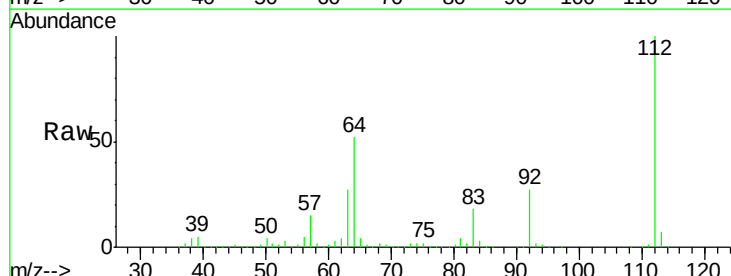
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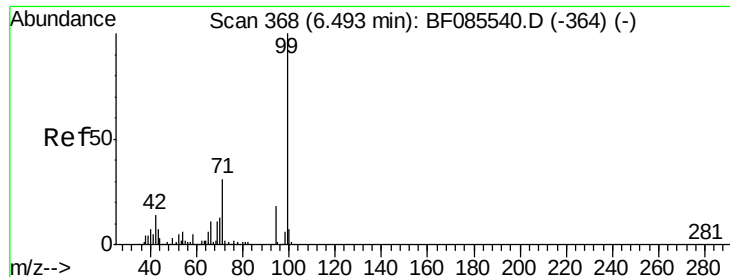


#5

2-Fluorophenol
Concen: 142.45 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085686.D
Acq: 23 Mar 2016 5:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	39.9	59.9
63	26.7	20.2	30.2





#7

Phenol-d6

Concen: 142.67 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Instrument :

BNA_F

ClientSampleId :

SP-6

Tgt Ion: 99 Resp: 1497248

Ion Ratio Lower Upper

99 100

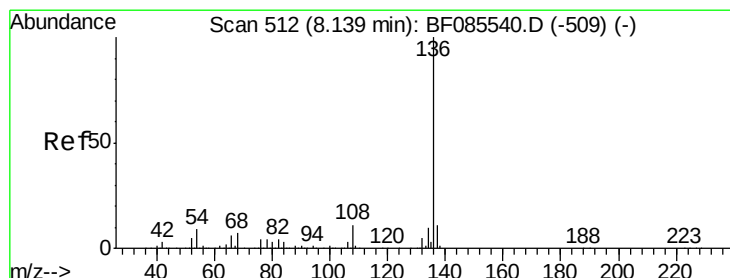
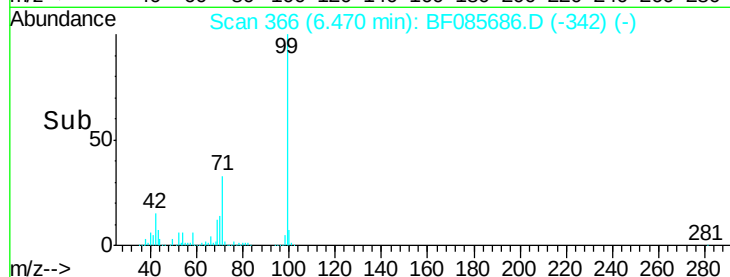
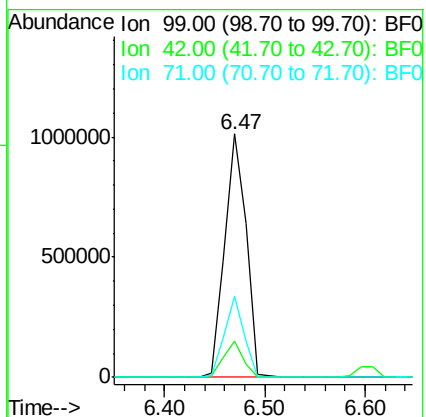
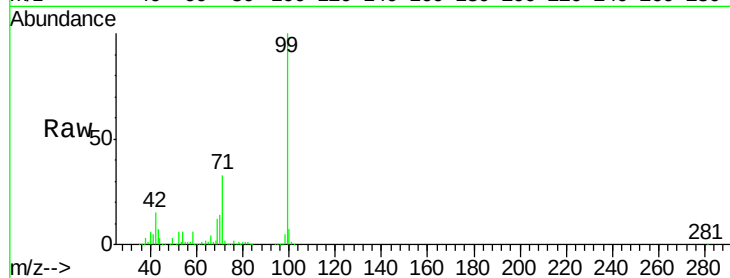
42 15.1 11.1 16.7

71 33.4 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Tgt Ion: 136 Resp: 578084

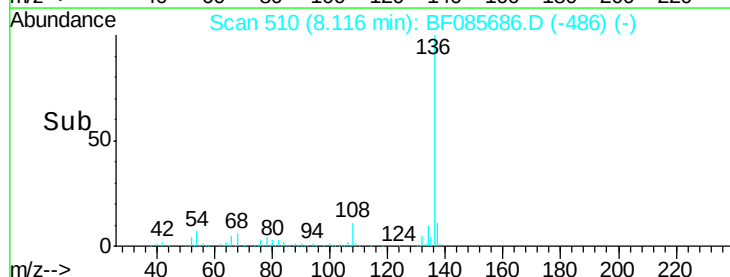
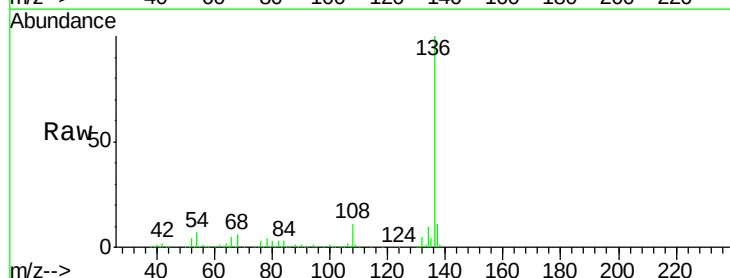
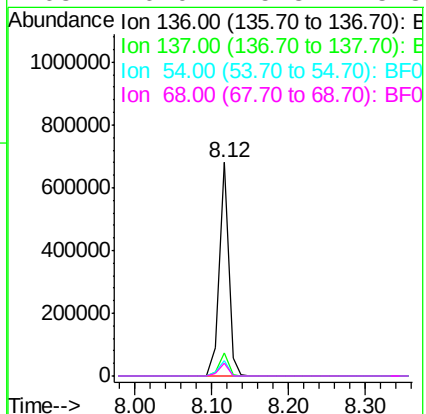
Ion Ratio Lower Upper

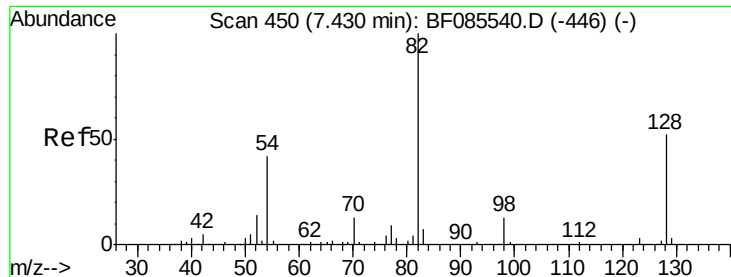
136 100

137 11.0 9.1 13.7

54 6.9 7.4 11.0#

68 6.0 5.8 8.8





#23

Nitrobenzene-d5

Concen: 99.54 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Instrument :

BNA_F

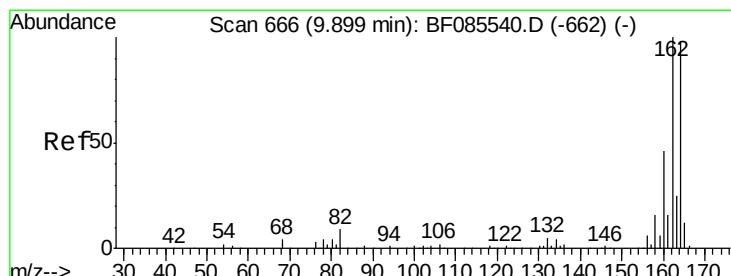
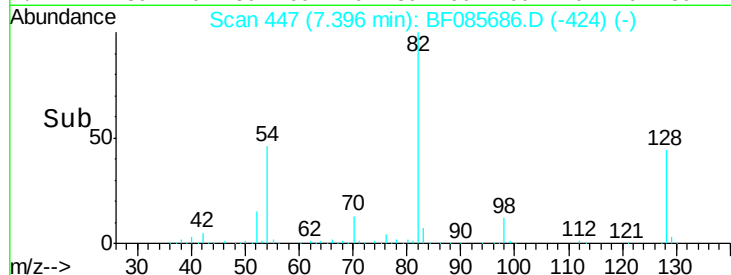
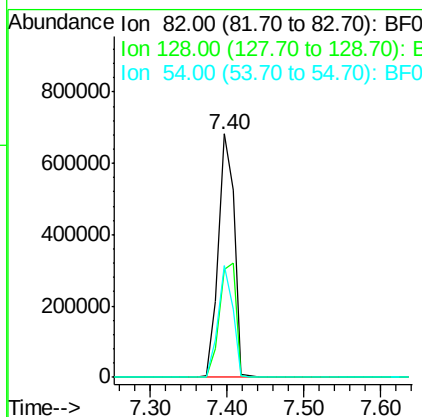
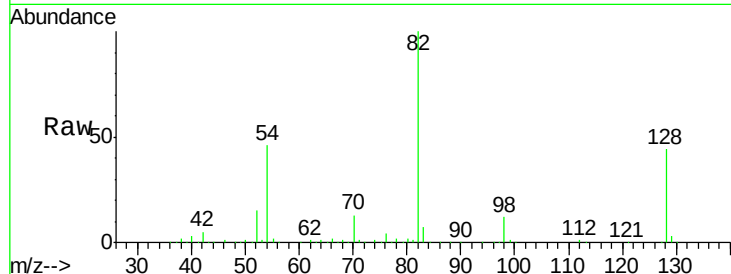
ClientSampled :

SP-6

Tgt Ion:	82	Resp:	991362
Ion Ratio		Lower	Upper
82	100		
128	44.1	41.8	62.8
54	45.9	33.4	50.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

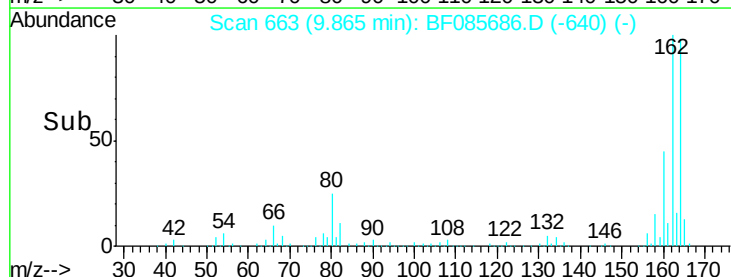
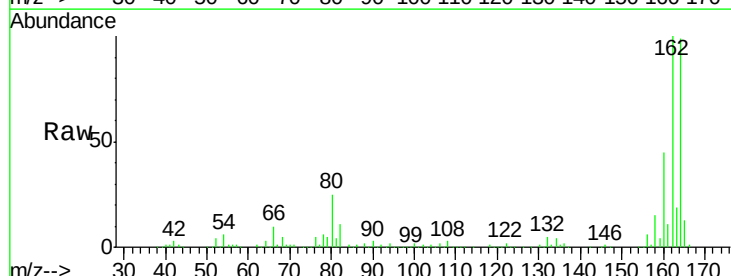
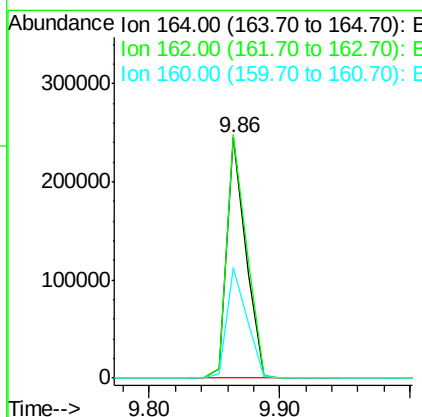
RT: 9.86 min Scan# 663

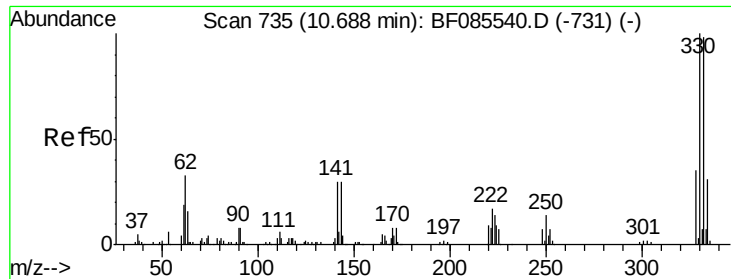
Delta R.T. -0.03 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Tgt Ion:	164	Resp:	249139
Ion Ratio		Lower	Upper
164	100		
162	101.2	82.1	123.1
160	45.9	37.4	56.2





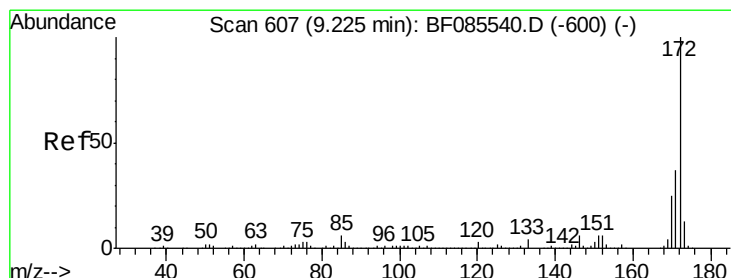
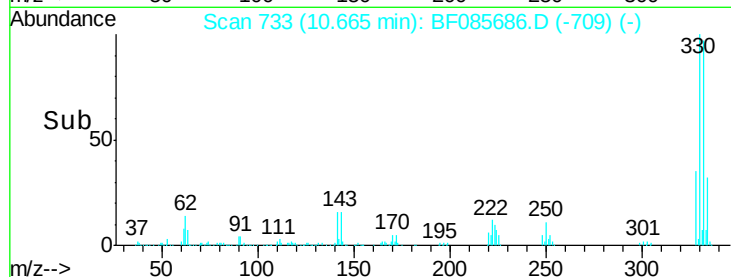
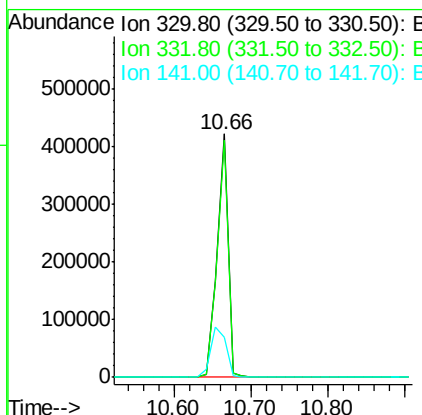
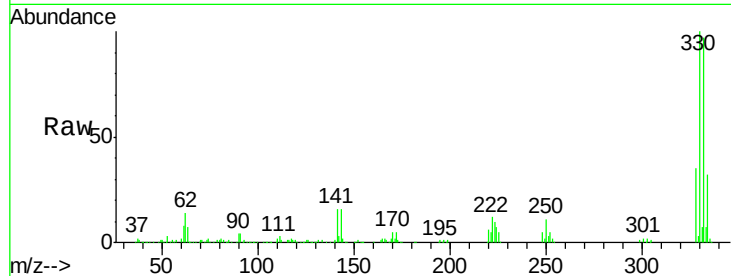
#41
 2,4,6-Tribromophenol
 Concen: 172.57 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085686.D
 Acq: 23 Mar 2016 5:04

Instrument :
 BNA_F
 ClientSampled :
 SP-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	421159		
332	97.4	78.2	117.2	
141	28.9	31.5	47.3#	

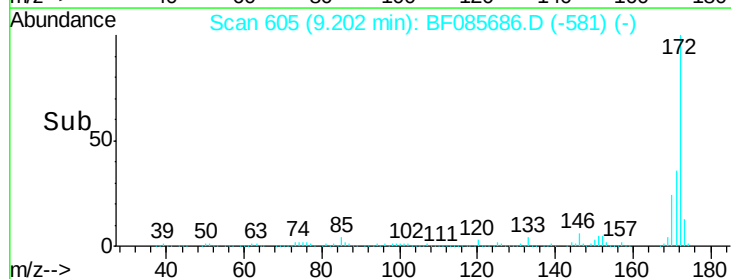
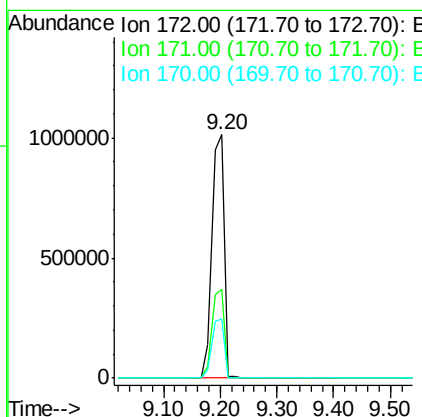
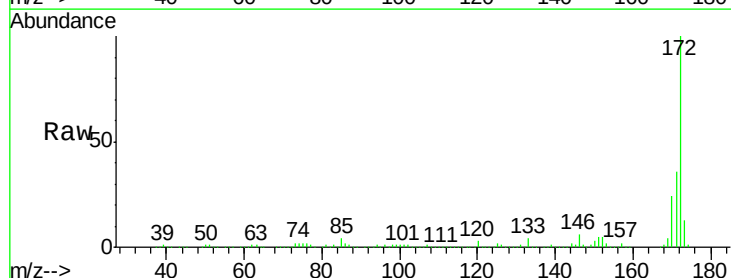
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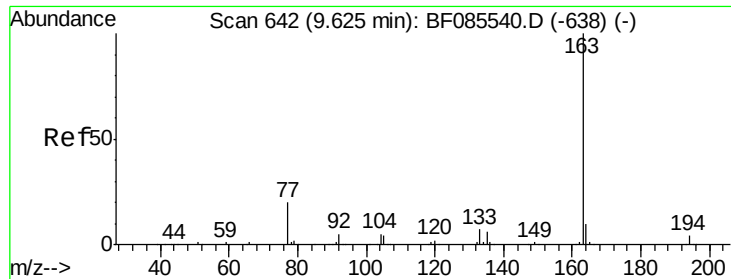
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#44
 2-Fluorobiphenyl
 Concen: 106.97 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085686.D
 Acq: 23 Mar 2016 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1462019		
171	36.3	29.4	44.2	
170	24.4	19.8	29.6	





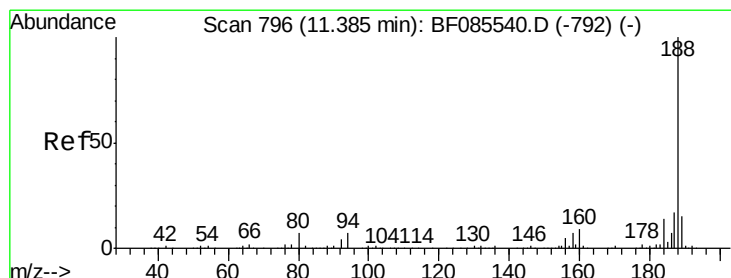
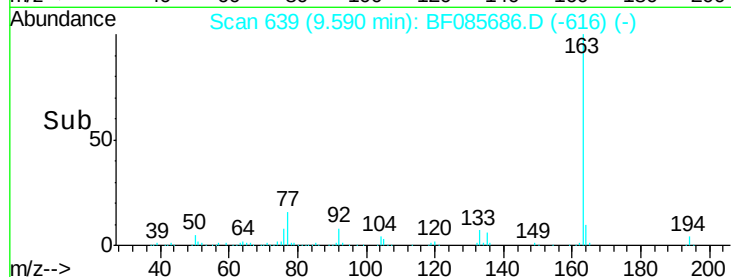
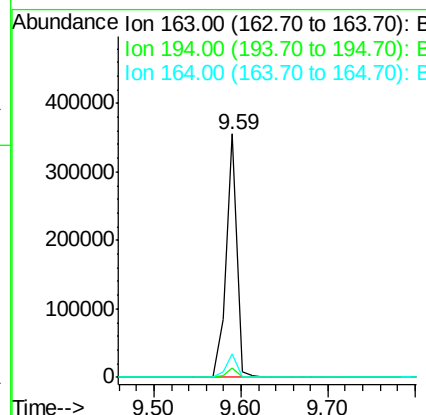
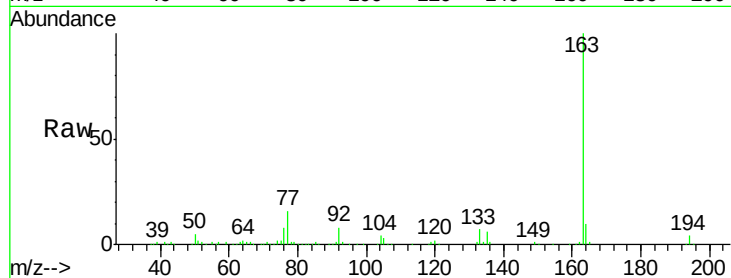
#49
Dimethylphthalate
Concen: 16.61 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF085686.D
Acq: 23 Mar 2016 5:04

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.9	4.3
164	9.9	8.3	12.5

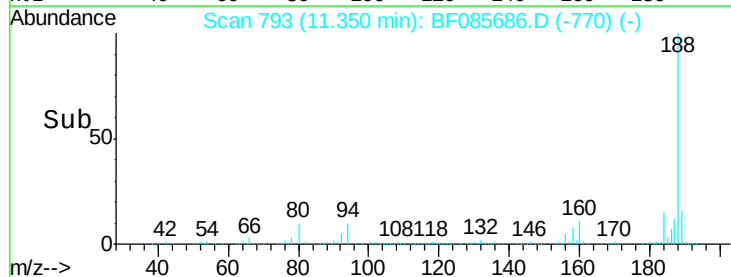
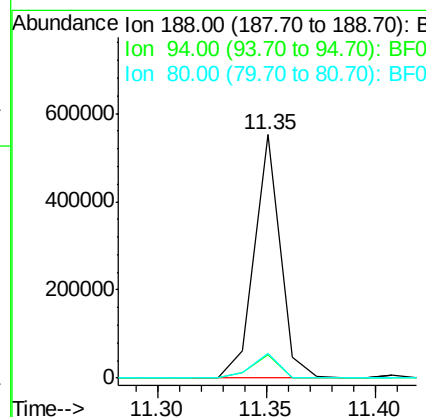
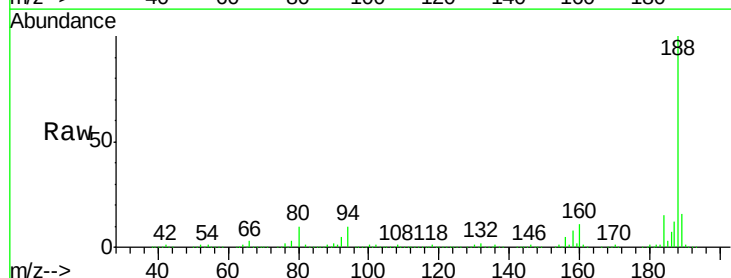
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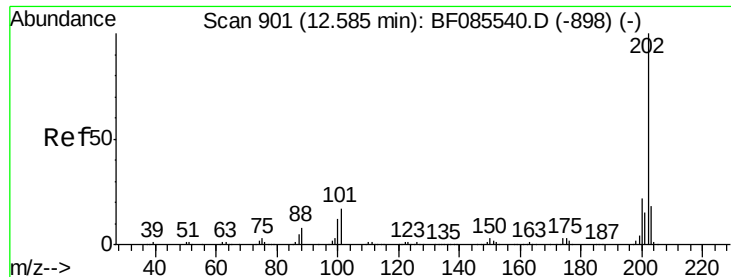
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085686.D
Acq: 23 Mar 2016 5:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	5.4	8.0#
80	10.3	5.5	8.3#





#74

Fluoranthene

Concen: 3.35 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Instrument :

BNA_F

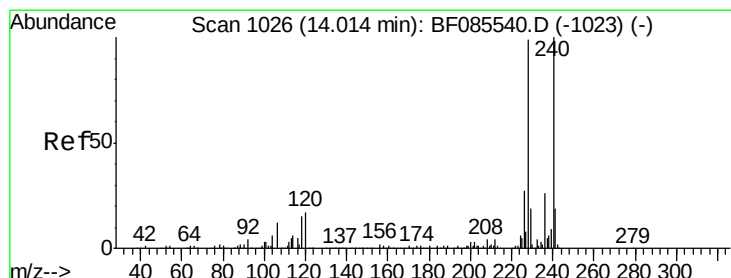
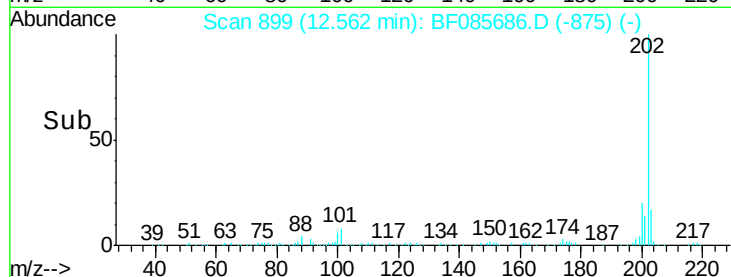
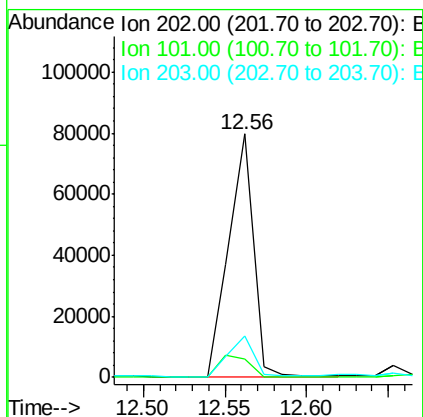
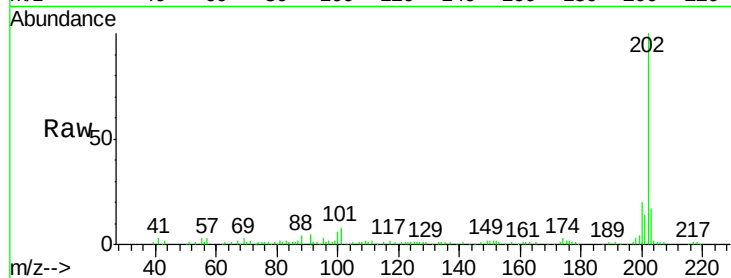
ClientSampled :

SP-6

Tgt Ion:	202	Resp:	84524
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	36.6
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

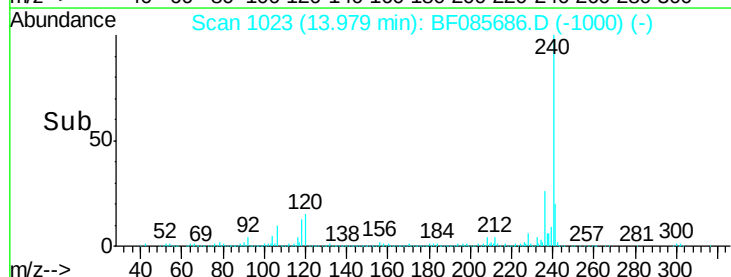
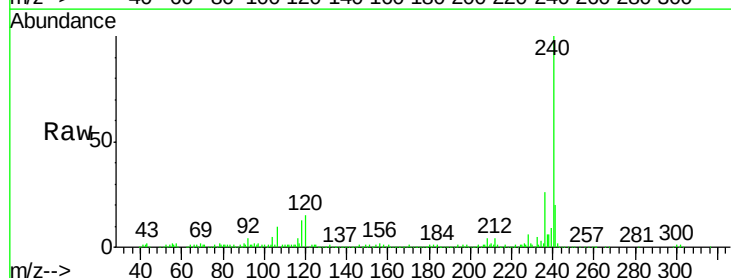
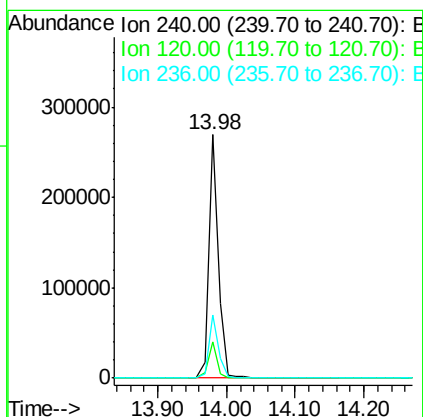
RT: 13.98 min Scan# 1023

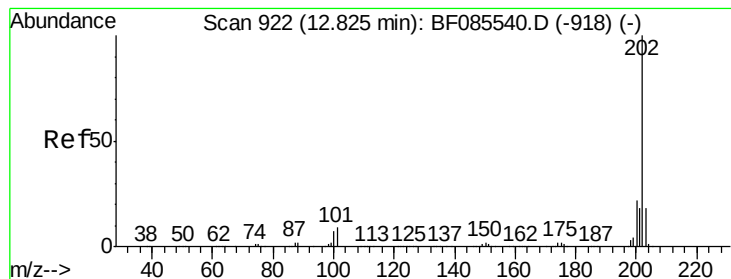
Delta R.T. -0.03 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Tgt Ion:	240	Resp:	262352
Ion Ratio	Lower	Upper	
240	100		
120	14.7	13.8	20.8
236	26.0	20.6	30.8





#77

Pyrene

Concen: 4.06 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Instrument :

BNA_F

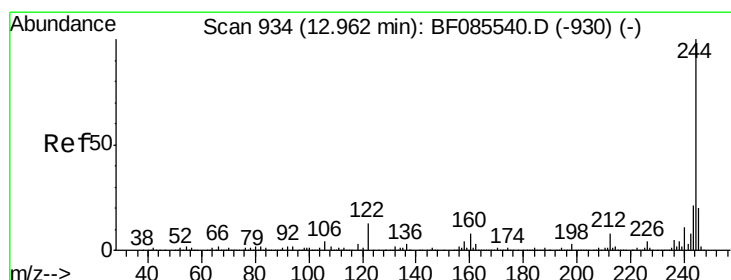
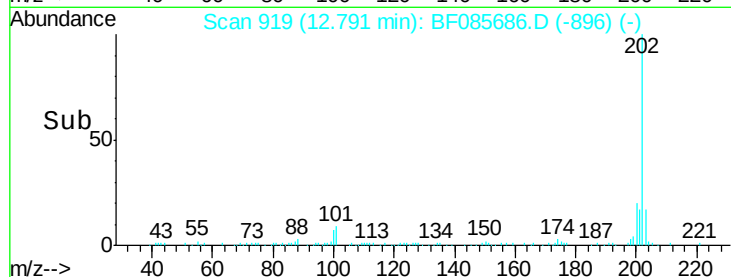
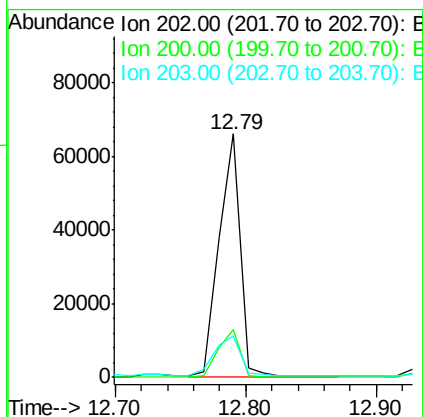
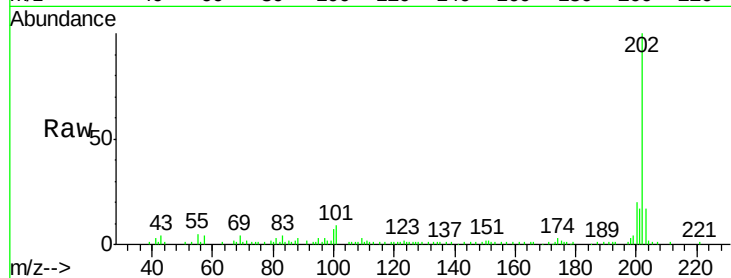
ClientSampleId :

SP-6

Tgt Ion:	202	Resp:	76572
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.6	26.4
203	17.0	14.0	21.0

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#78

Terphenyl-d14

Concen: 104.98 ng

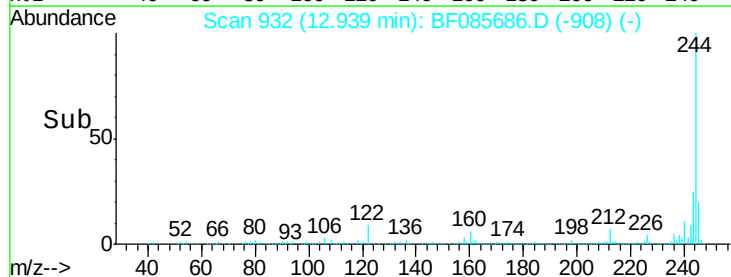
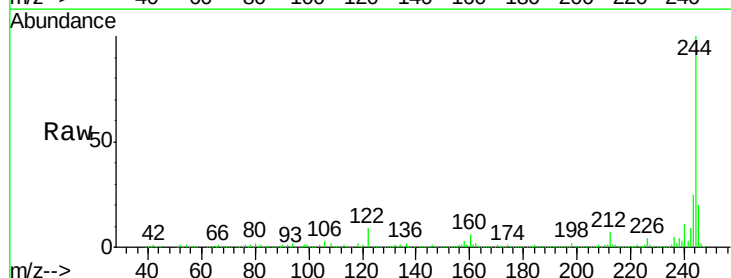
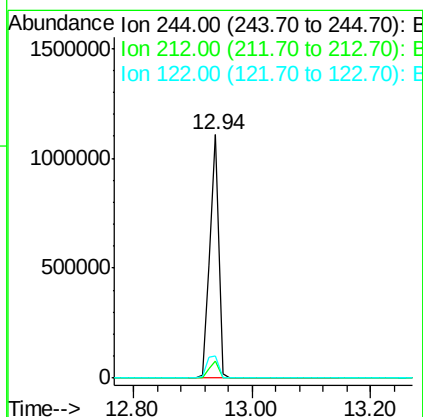
RT: 12.94 min Scan# 932

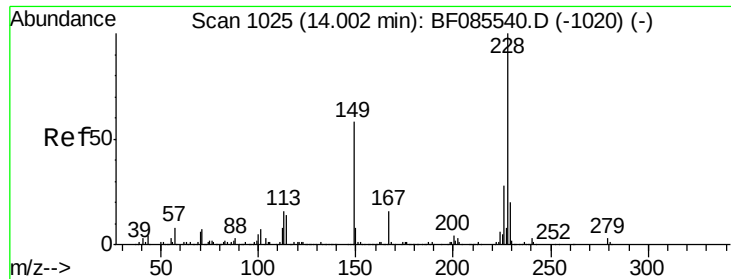
Delta R.T. -0.02 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Tgt Ion:	244	Resp:	1144590
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.1	9.1
122	9.1	10.2	15.4#





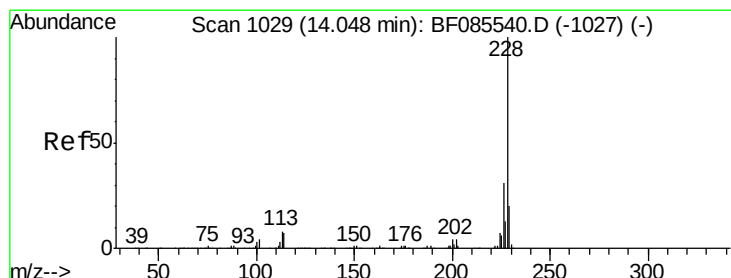
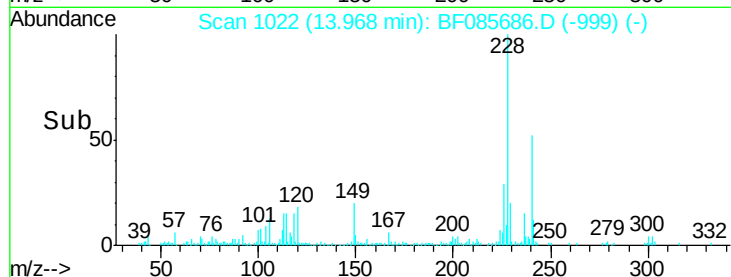
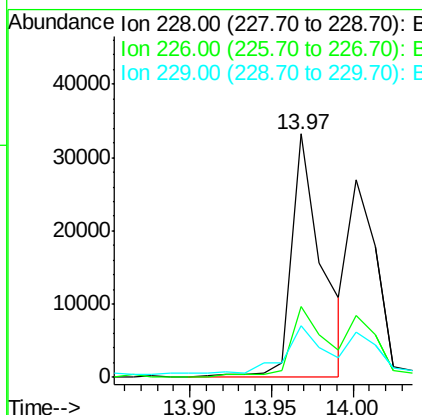
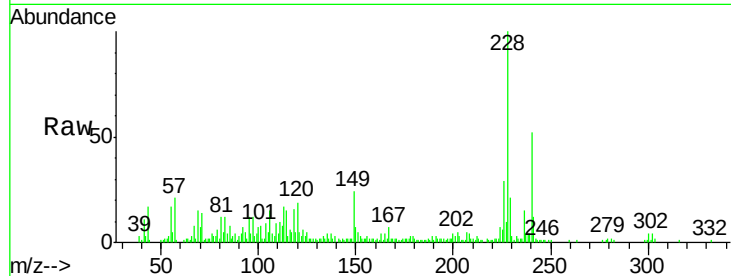
#80
Benzo(a)anthracene
Concen: 2.86 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF085686.D
Acq: 23 Mar 2016 5:04

Instrument :
BNA_F
ClientSampled :
SP-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.1	33.1
229	21.2	16.2	24.4

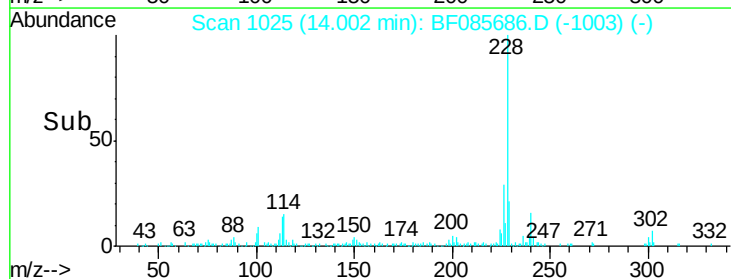
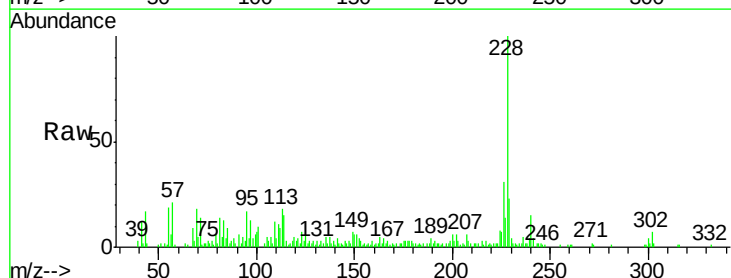
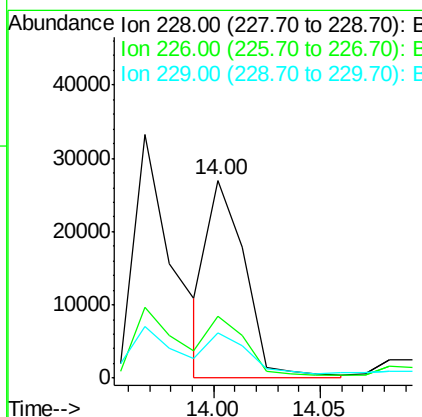
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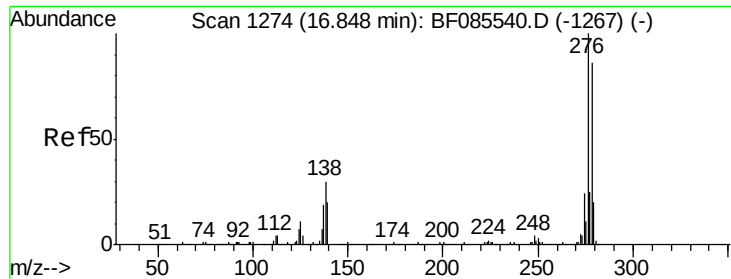
Sohil
3/23/2016 1:30:19 PM



#82
Chrysene
Concen: 2.26 ng m
RT: 14.00 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF085686.D
Acq: 23 Mar 2016 5:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.1	15.7	23.5





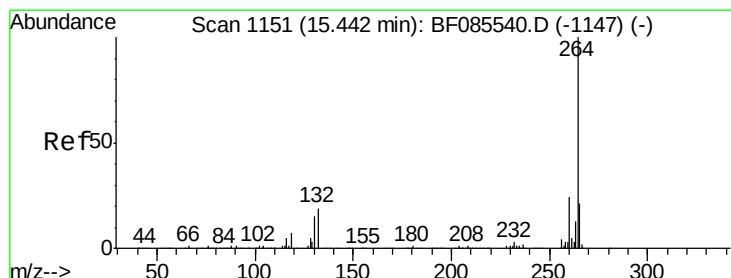
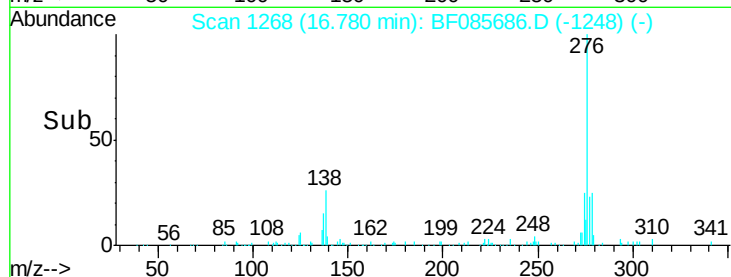
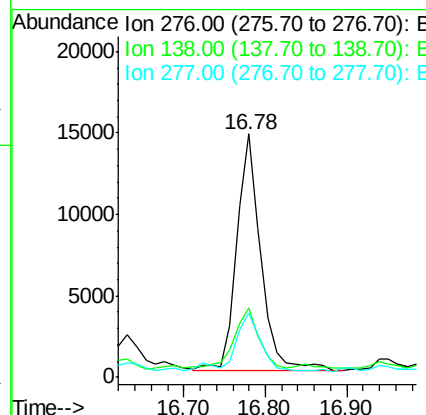
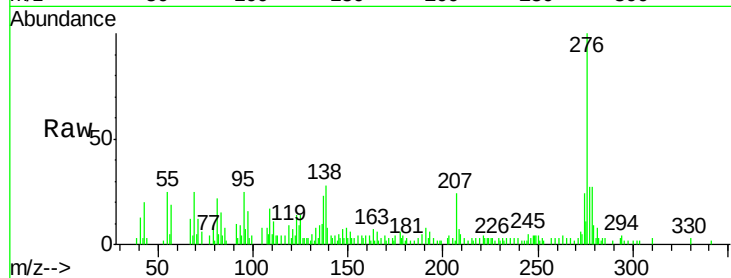
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.44 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.07 min
 Lab File: BF085686.D
 Acq: 23 Mar 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	24.2	36.4
277	25.1	20.0	30.0

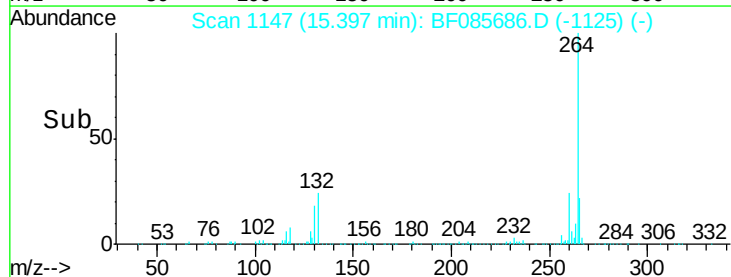
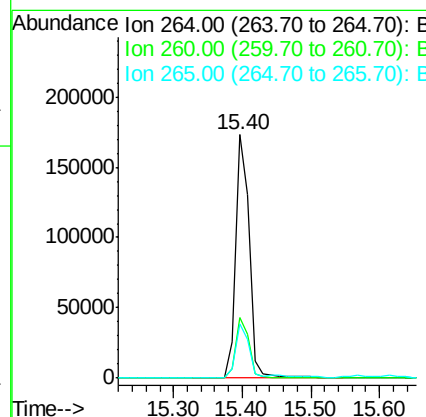
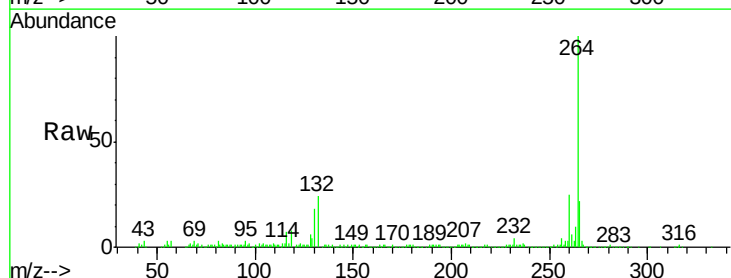
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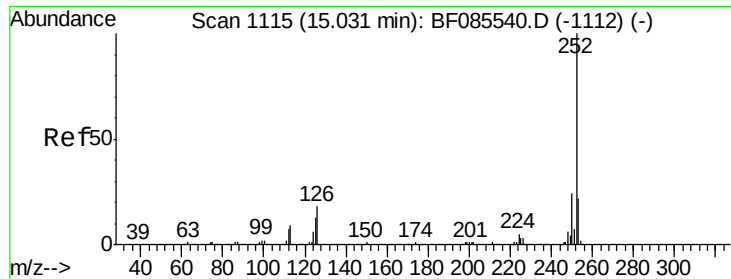
Sohil
 3/23/2016 1:30:19 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.05 min
 Lab File: BF085686.D
 Acq: 23 Mar 2016 5:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.31 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Instrument :

BNA_F

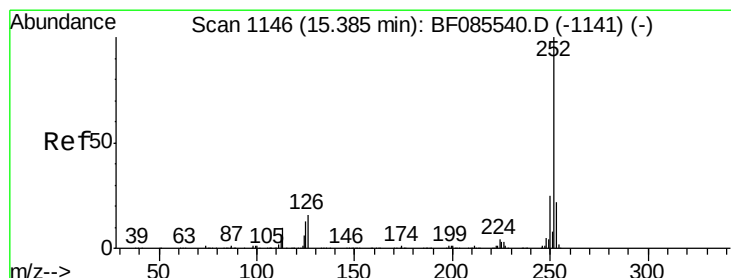
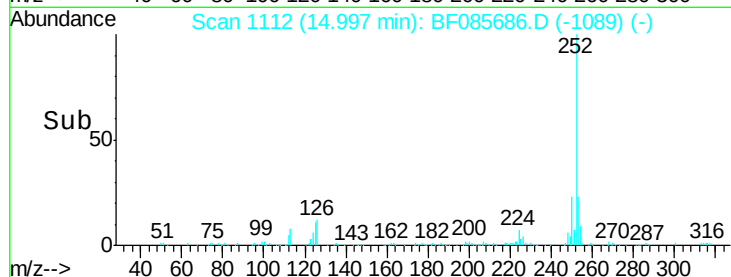
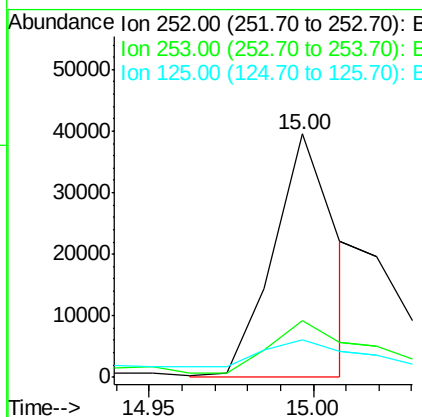
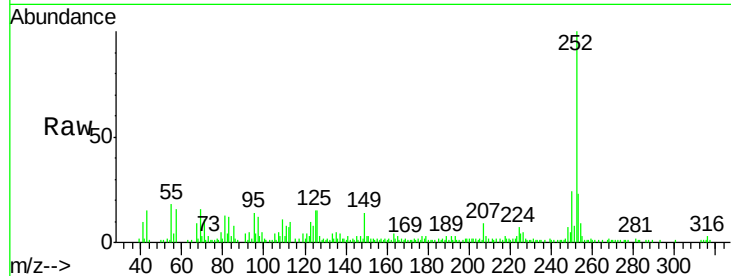
ClientSampled :

SP-6

Tgt Ion:	252	Resp:	52661
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	15.2	10.3	15.5

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.84 ng

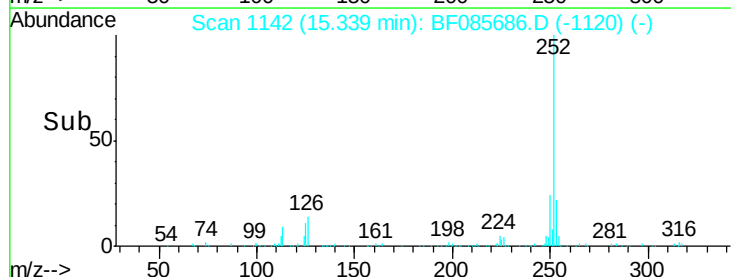
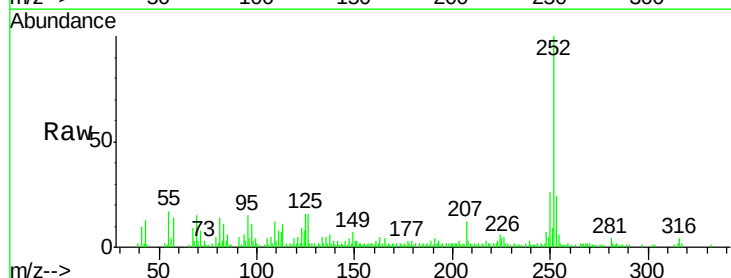
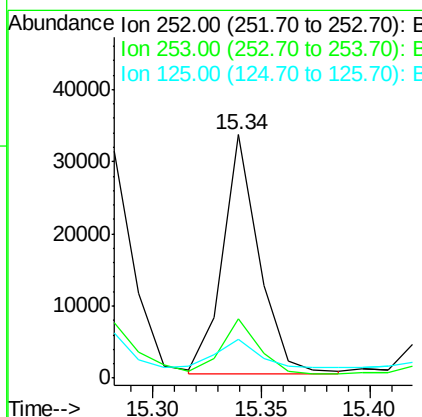
RT: 15.34 min Scan# 1142

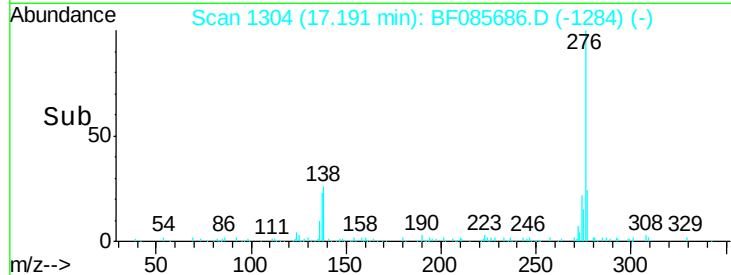
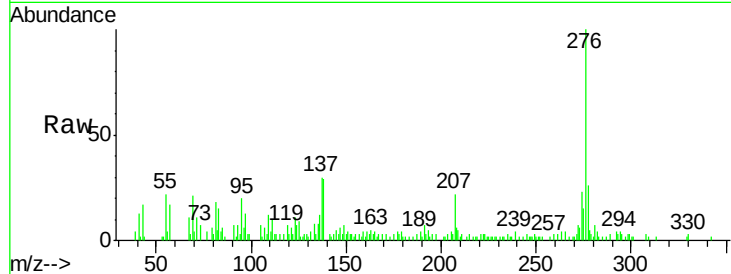
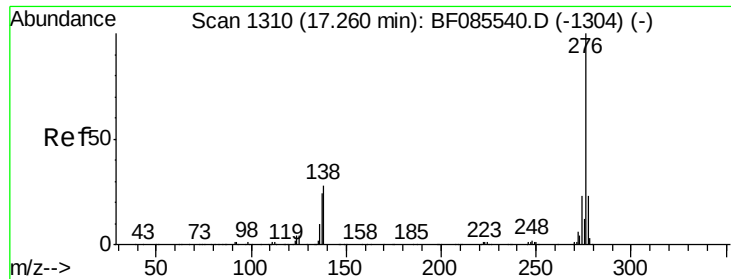
Delta R.T. -0.05 min

Lab File: BF085686.D

Acq: 23 Mar 2016 5:04

Tgt Ion:	252	Resp:	38418
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	16.0	10.3	15.5#





#91
 Benzo(g,h,i)perylene
 Concen: 3.16 ng
 RT: 17.19 min Scan# 1304
 Delta R.T. -0.07 min
 Lab File: BF085686.D
 Acq: 23 Mar 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	29.1	22.6	34.0

Manual Integrations
 APPROVED

Sohil
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