

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086962.D
 Acq On : 13 May 2016 8:39
 Operator : UM/SJ
 Sample : H2994-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1772-00(0-2)

Manual Integrations
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Quant Time: May 13 14:35:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	132695m	20.00	ng	-0.07
21) Naphthalene-d8	7.91	136	513296	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	211908	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	323228	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	299645	20.00	ng	-0.08
86) Perylene-d12	15.12	264	242362	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	841957	107.45	ng	-0.07
7) Phenol-d6	6.28	99	1019411	97.35	ng	-0.08
23) Nitrobenzene-d5	7.20	82	827419	80.94	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	205352	91.54	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1234933	97.94	ng	-0.07
78) Terphenyl-d14	12.72	244	929449	65.81	ng	-0.08
Target Compounds						
31) Naphthalene	7.93	128	106867	4.16	ng	Qvalue 99

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

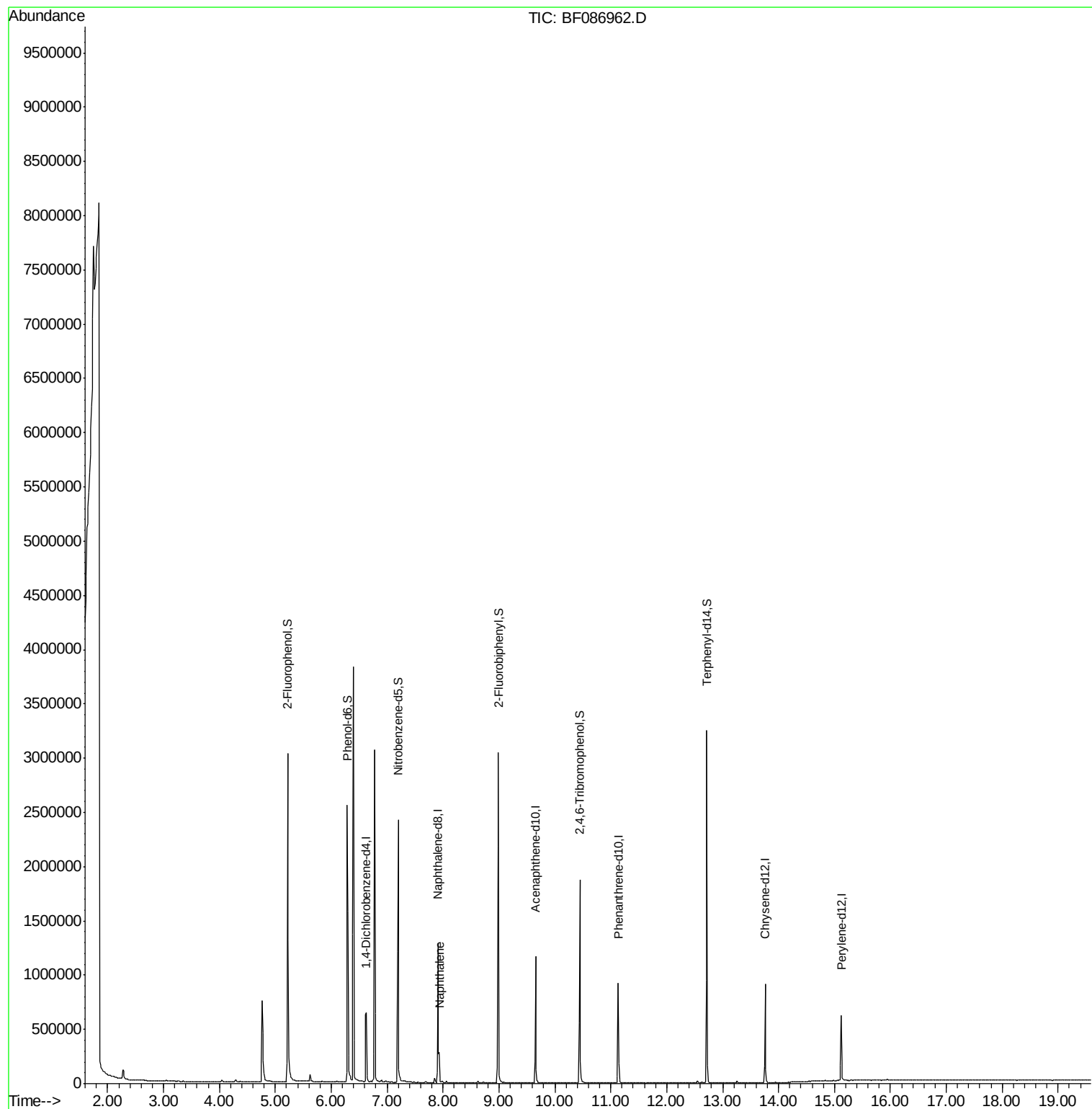
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086962.D
Acq On : 13 May 2016 8:39
Operator : UM/SJ
Sample : H2994-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

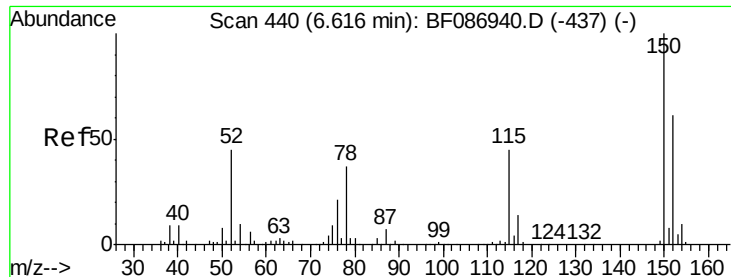
Instrument :
BNA_F
ClientSampleId :
CH-STA-1772-00(0-2)

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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#1

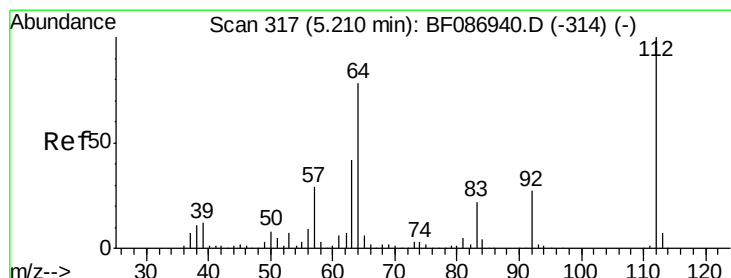
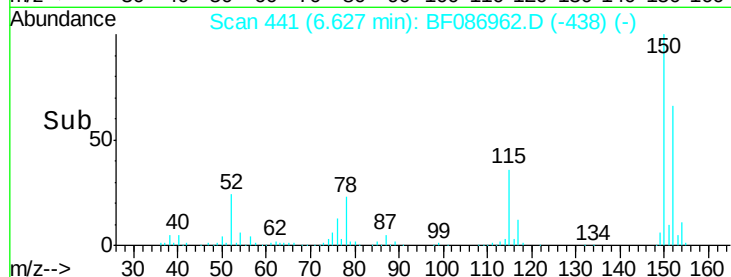
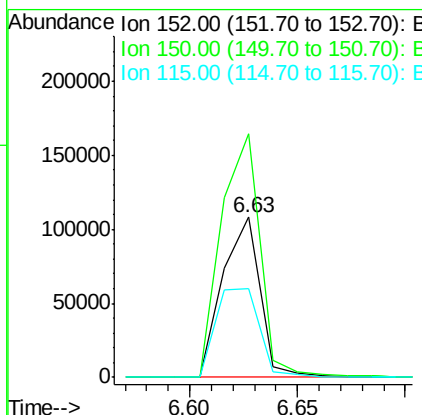
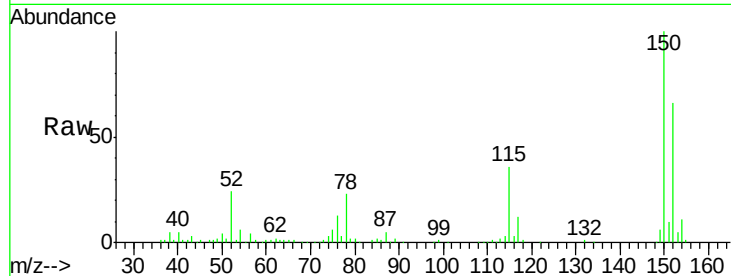
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.63 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF086962.D
Acq: 13 May 2016 8:39

Instrument :
BNA_F
ClientSampleId :
CH-STA-1772-00(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	132695		
150	152.2	125.8	188.6	
115	55.3	51.5	77.3	

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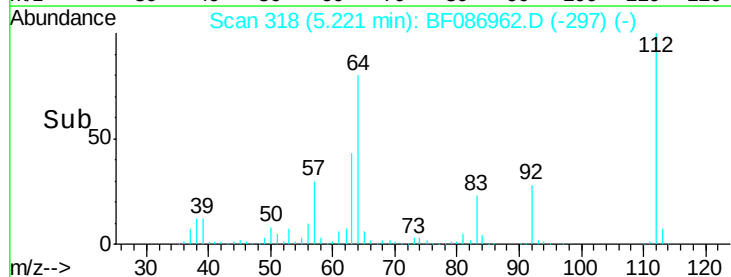
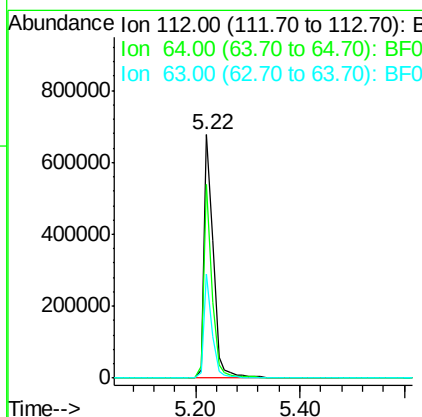
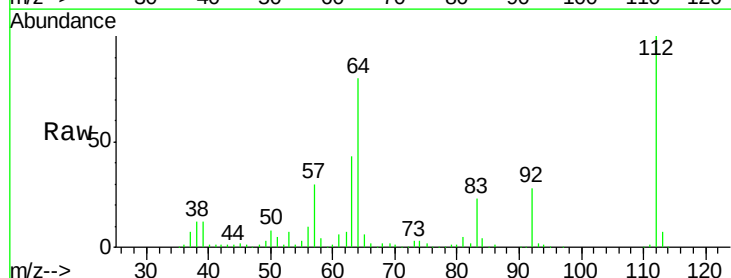
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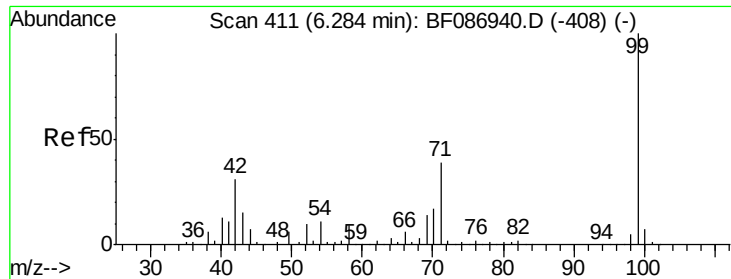


#5

2-Fluorophenol
Concen: 107.45 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF086962.D
Acq: 13 May 2016 8:39

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	841957		
64	79.7	52.1	78.1#	
63	42.9	25.7	38.5#	





#7

Phenol-d6

Concen: 97.35 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

Instrument :

BNA_F

ClientSampleId :

CH-STA-1772-00(0-2)

Tgt Ion: 99 Resp: 1019411

Ion Ratio Lower Upper

99 100

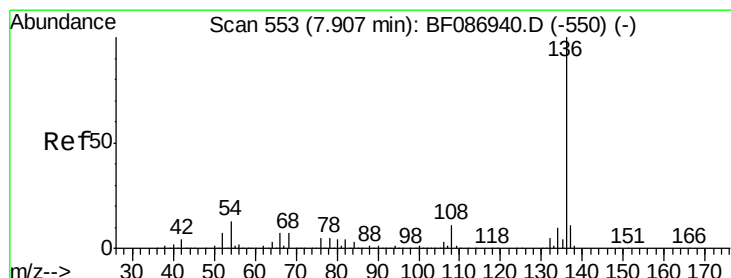
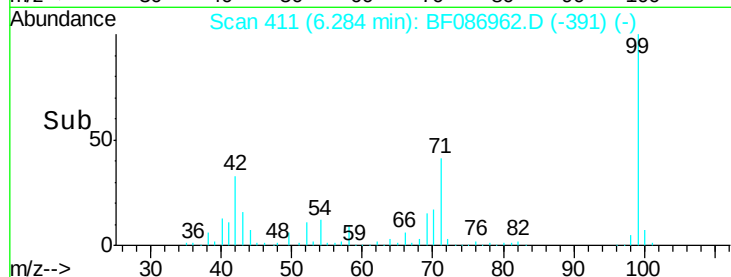
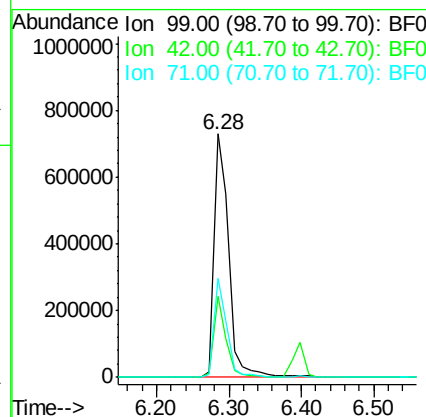
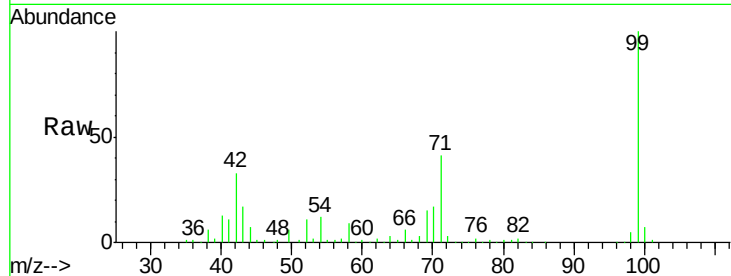
42 33.4 13.6 20.4#

71 40.5 24.6 36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

Tgt Ion: 136 Resp: 513296

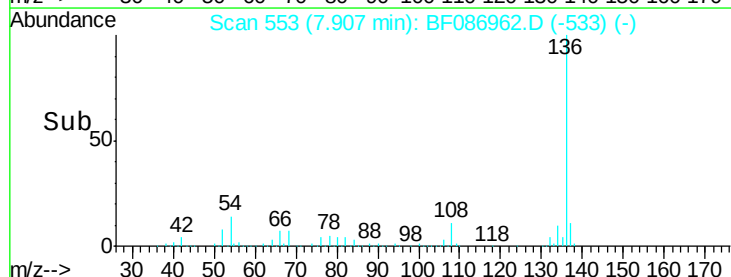
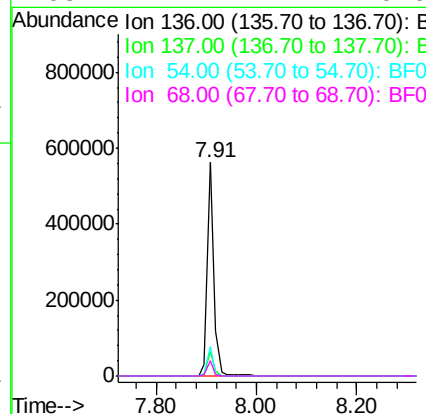
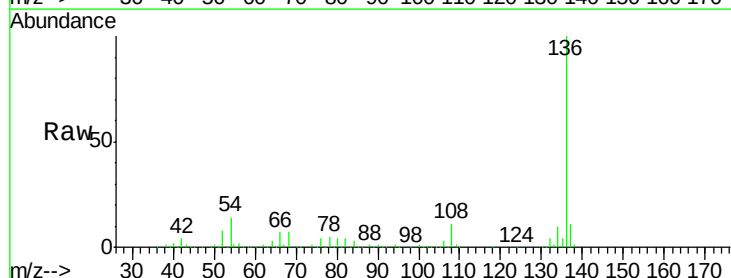
Ion Ratio Lower Upper

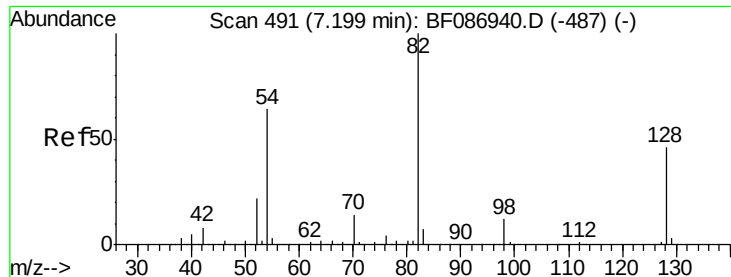
136 100

137 11.2 8.8 13.2

54 13.6 5.0 7.4#

68 7.2 4.4 6.6#





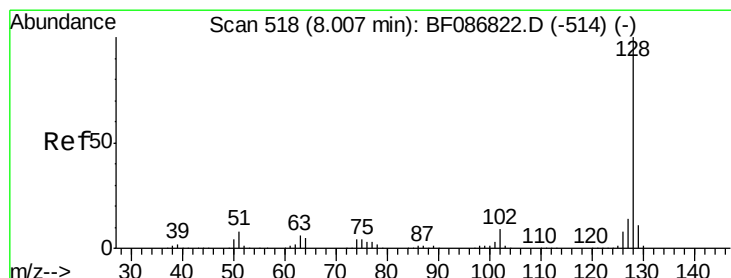
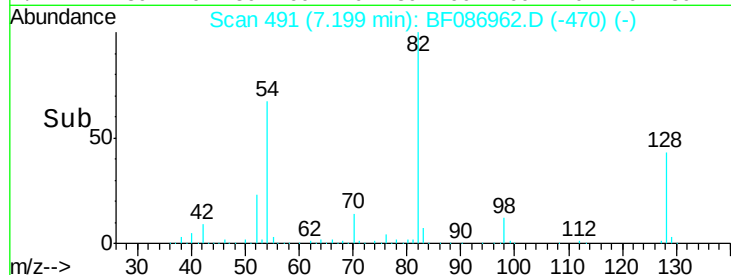
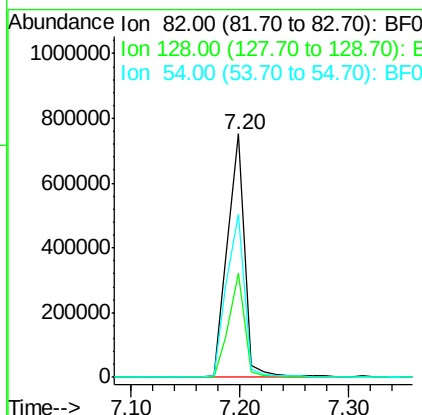
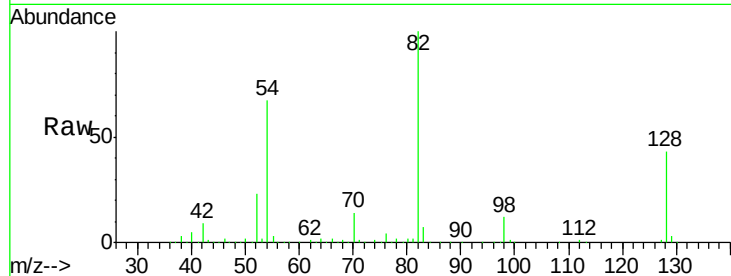
#23
 Nitrobenzene-d5
 Concen: 80.94 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1772-00(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	40.6	61.0
54	67.2	38.1	57.1#

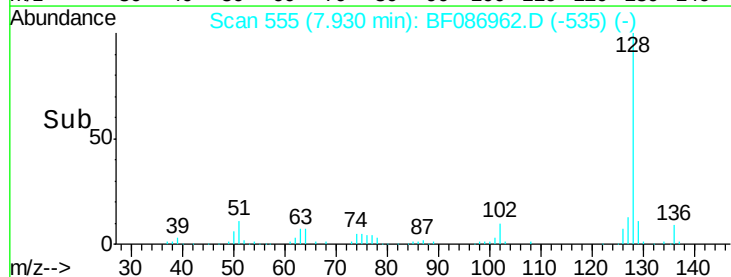
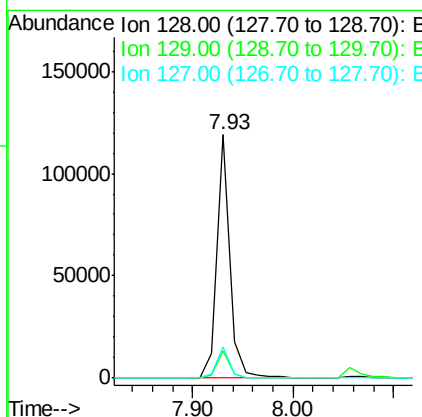
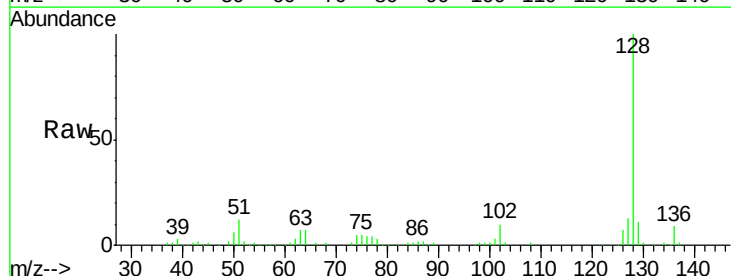
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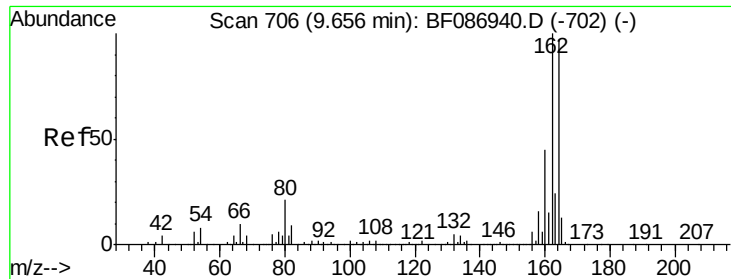
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#31
 Naphthalene
 Concen: 4.16 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.08 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	12.9	10.8	16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.08 min

Lab File: BF086962.D

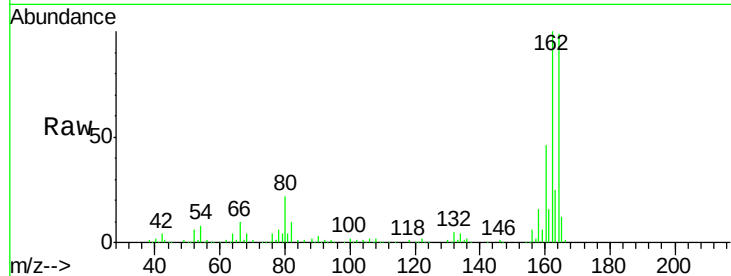
Acq: 13 May 2016 8:39

Instrument :

BNA_F

ClientSampleId :

CH-STA-1772-00(0-2)



Tgt Ion:164 Resp: 211908

Ion Ratio Lower Upper

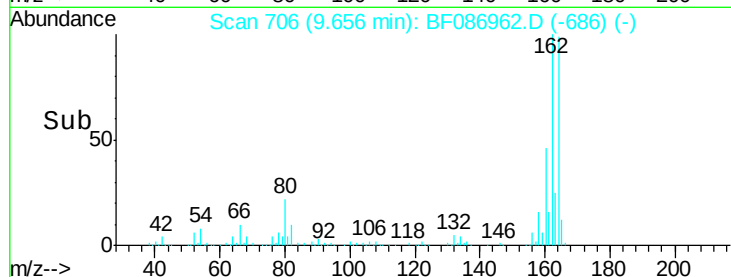
164 100

162 101.2 82.8 124.2

160 46.5 36.9 55.3

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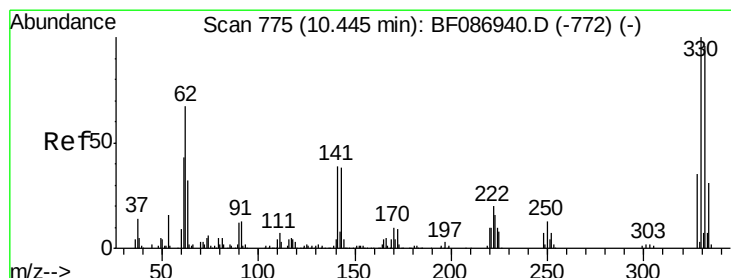
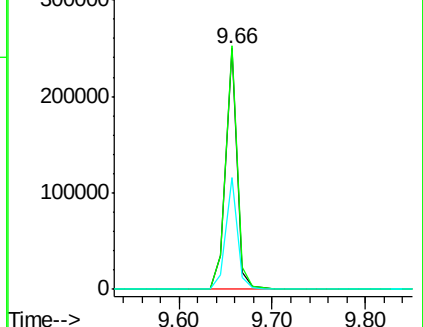
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 91.54 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

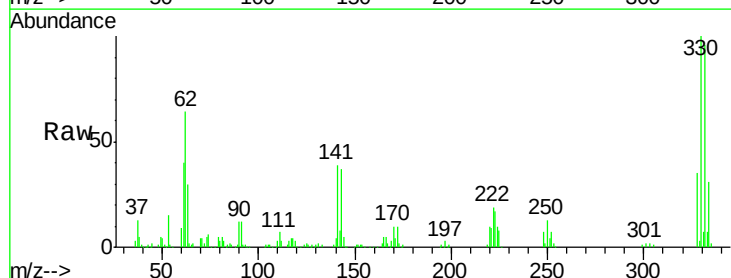
Tgt Ion:330 Resp: 205352

Ion Ratio Lower Upper

330 100

332 95.9 79.0 118.4

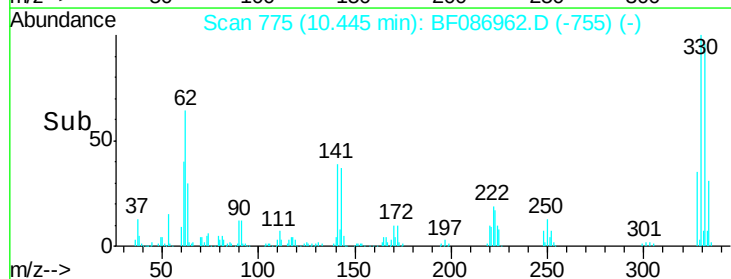
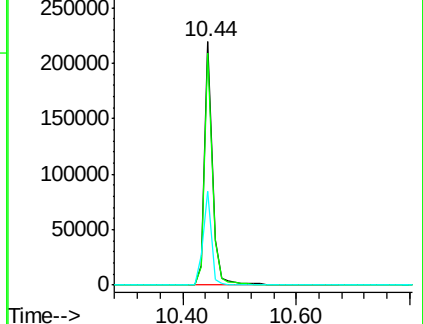
141 41.2 31.2 46.8

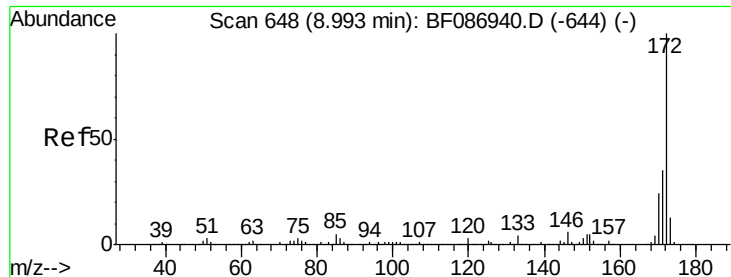


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





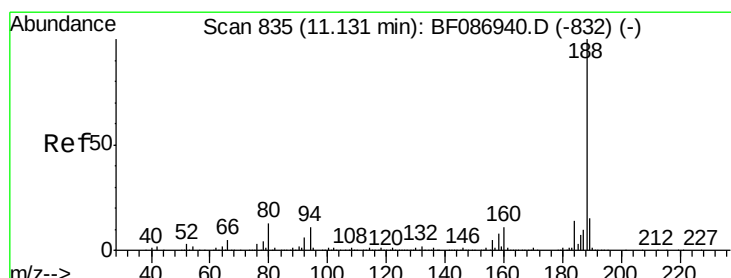
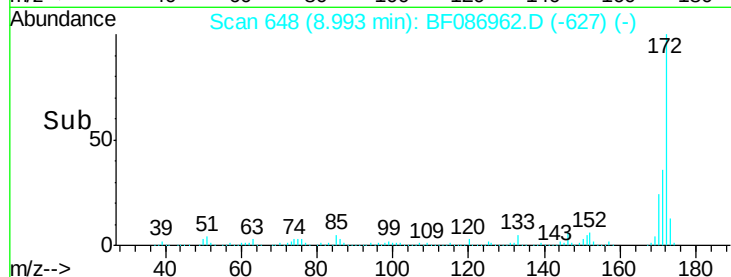
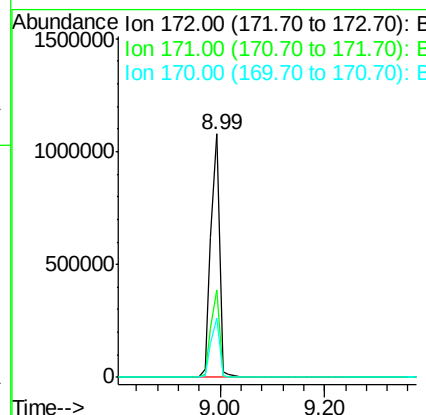
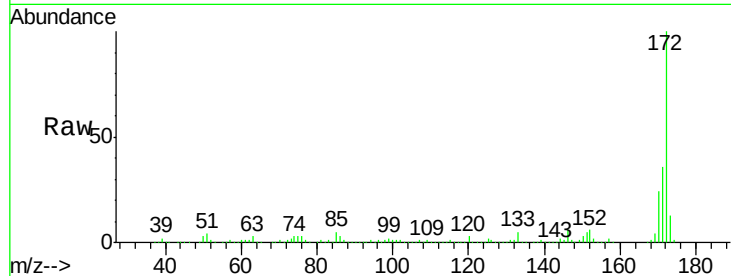
#44
 2-Fluorobiphenyl
 Concen: 97.94 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1772-00(0-2)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8

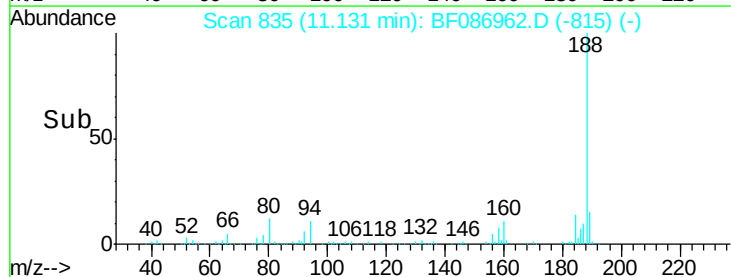
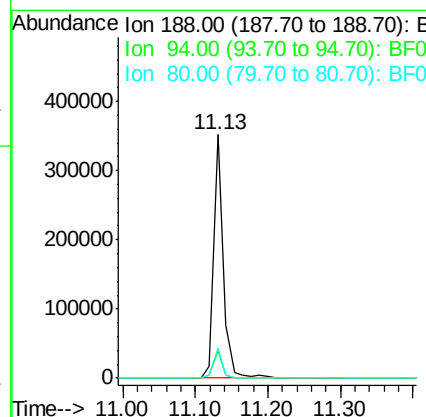
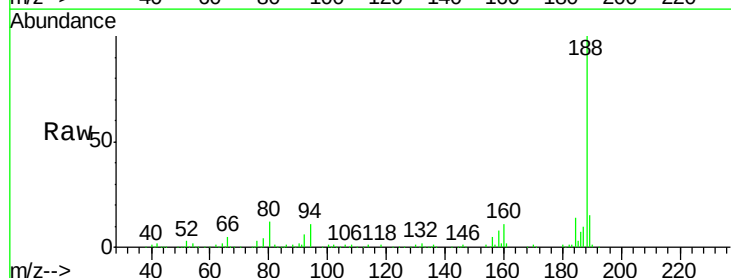
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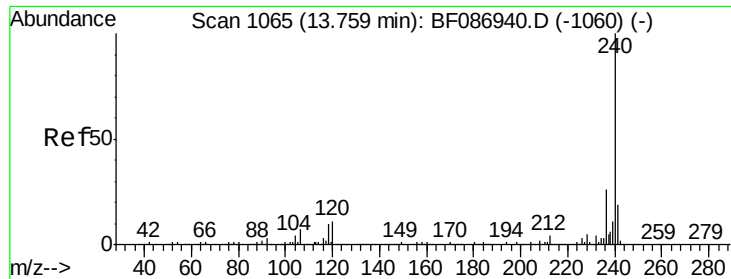
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	6.8	10.2#
80	12.5	7.1	10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

Instrument :

BNA_F

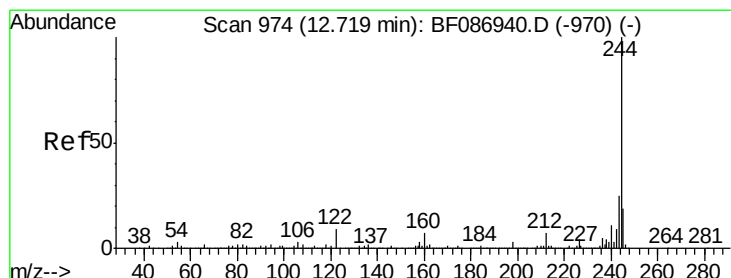
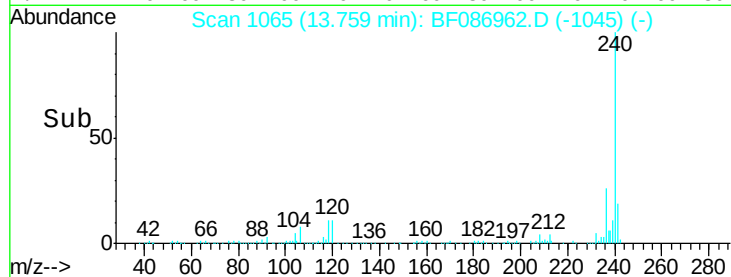
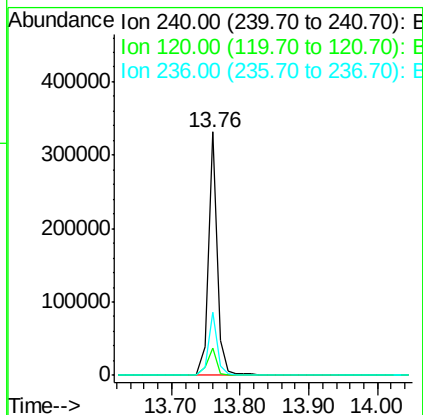
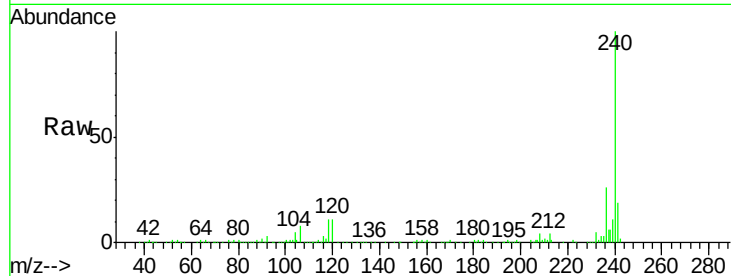
ClientSampleId :

CH-STA-1772-00(0-2)

Tgt Ion:	240	Resp:	299645
Ion Ratio	Lower	Upper	
240	100		
120	11.5	11.2	16.8
236	25.7	21.2	31.8

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#78

Terphenyl-d14

Concen: 65.81 ng

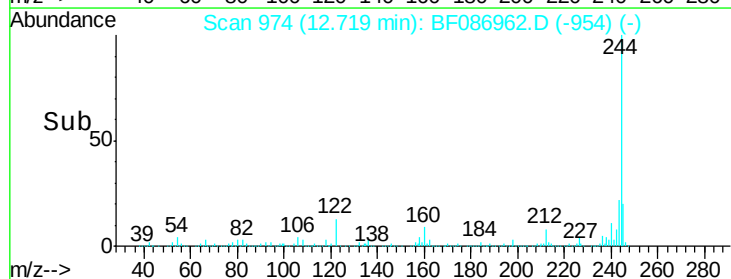
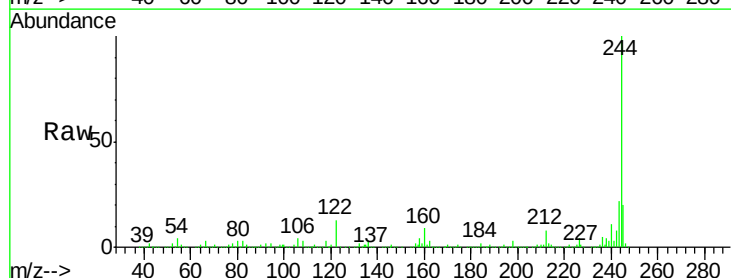
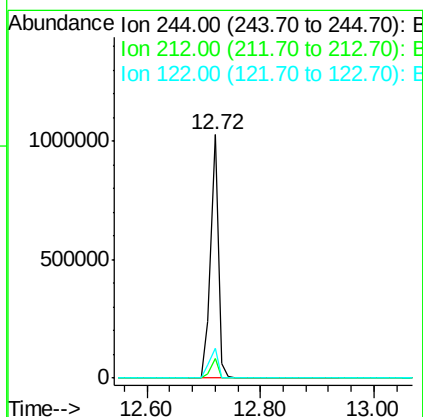
RT: 12.72 min Scan# 974

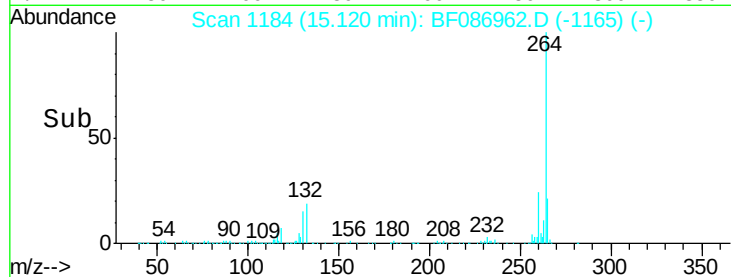
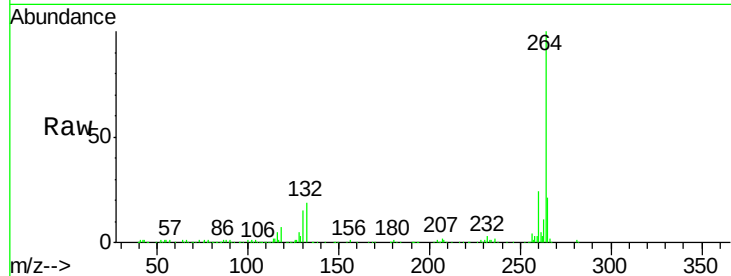
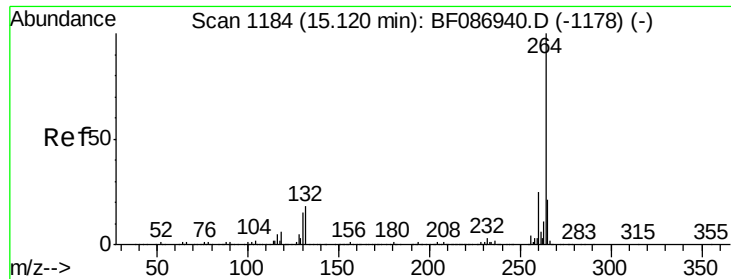
Delta R.T. -0.08 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

Tgt Ion:	244	Resp:	929449
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	12.5	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF086962.D
Acq: 13 May 2016 8:39

Instrument :
BNA_F
ClientSampleId :
CH-STA-1772-00(0-2)

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		242362		
260	24.3	19.5	29.3		
265	21.5	17.3	25.9		

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