

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
 Data File : BP003875.D
 Acq On : 09 Nov 2020 19:05
 Operator : CG/JU
 Sample : L4658-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1998-OS

Quant Time: Nov 10 00:23:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

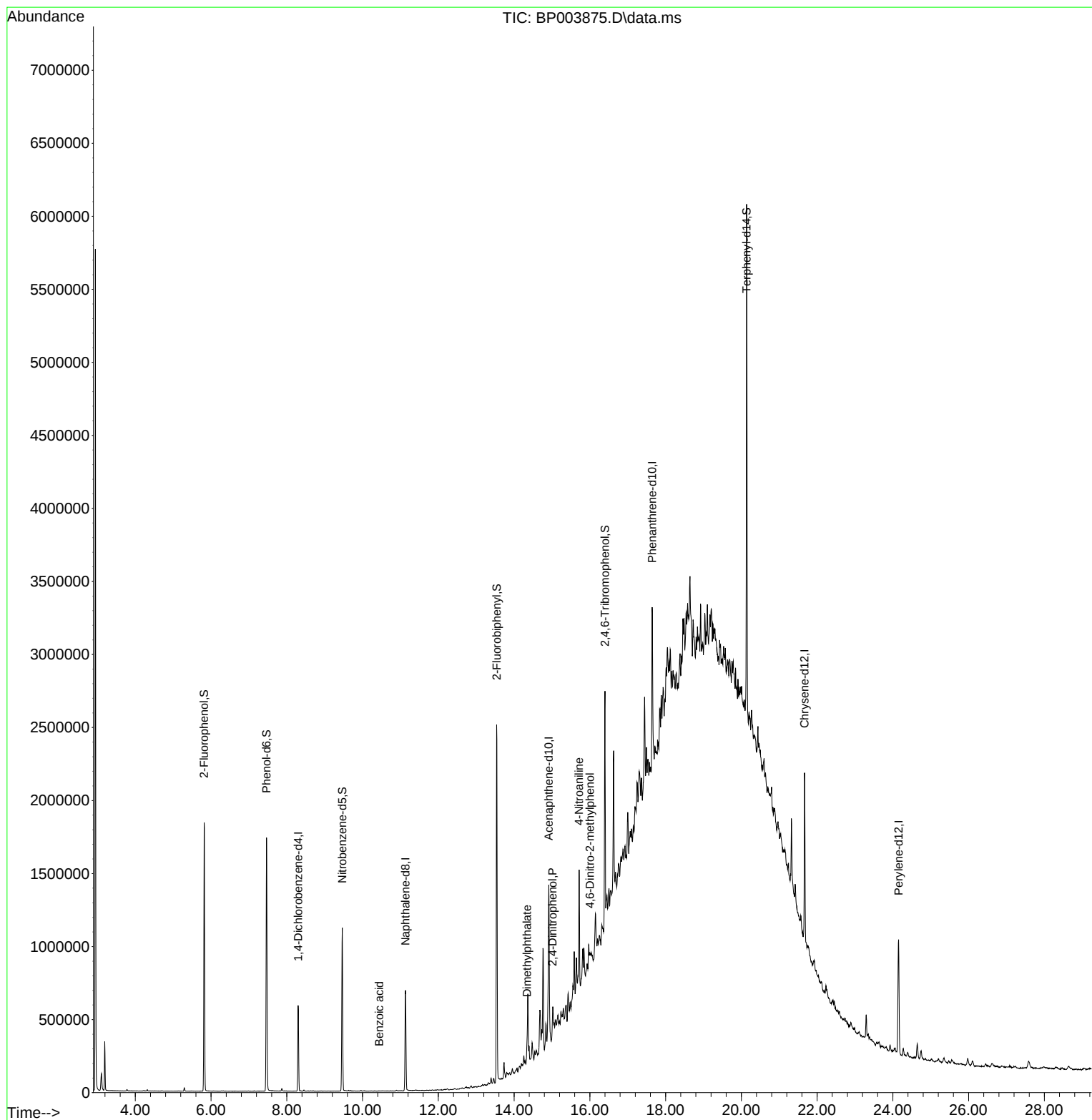
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	157216	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	570859	20.00	ng	# 0.00
39) Acenaphthene-d10	14.916	164	324934	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	589405	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	571229	20.00	ng	0.00
86) Perylene-d12	24.151	264	632870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	752298	79.86	ng	0.00
7) Phenol-d6	7.463	99	936287	69.24	ng	0.00
23) Nitrobenzene-d5	9.463	82	609825	52.32	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	314205	77.31	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	1284968	55.29	ng	0.00
79) Terphenyl-d14	20.139	244	1459087	49.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.399	77	383	Below Cal	#	44
32) Benzoic acid	10.440	122	111	8.32	ng	# 32
50) Dimethylphthalate	14.340	163	102189	4.02	ng	# 98
54) 2,4-Dinitrophenol	15.016	184	62	2.76	ng	# 1
62) 4-Nitroaniline	15.716	138	12360	2.06	ng	82
65) 4,6-Dinitro-2-methylph...	16.004	198	1569	6.77	ng	# 1

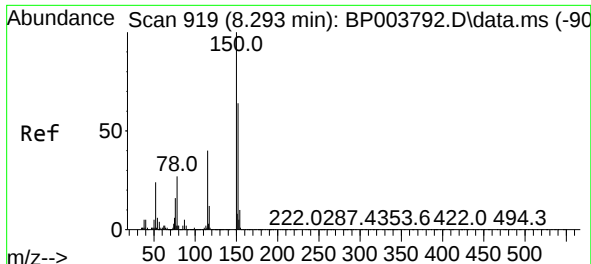
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

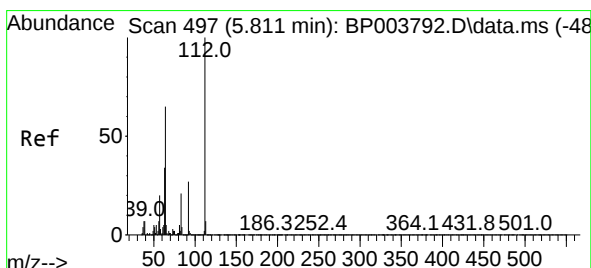
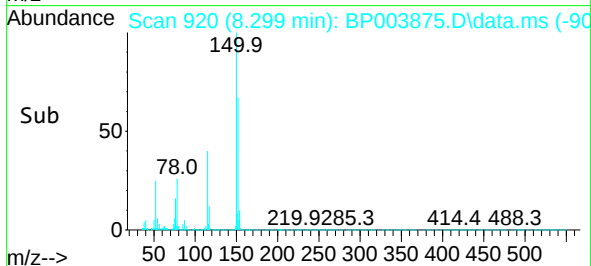
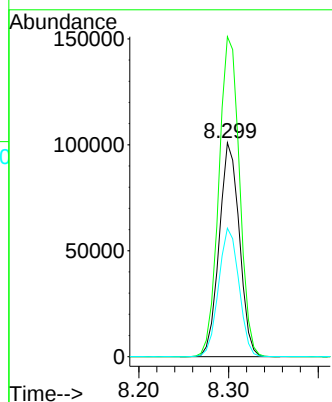
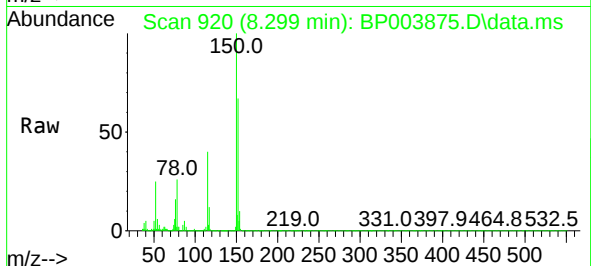




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.299 min Scan# 920
Delta R.T. -0.006 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

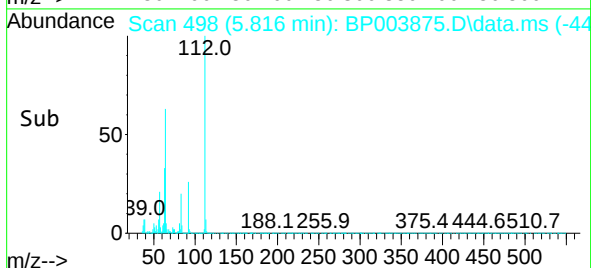
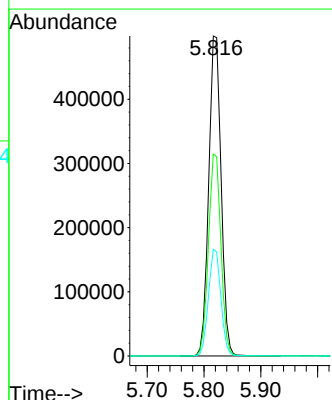
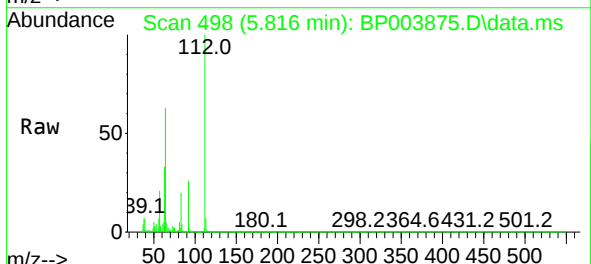
Instrument :
BNA_P
ClientSampleId :
1998-OS

Tgt Ion:152 Resp: 157216
Ion Ratio Lower Upper
152 100
150 149.6 123.8 185.6
115 60.1 43.8 65.6



#5
2-Fluorophenol
Concen: 79.86 ng
RT: 5.816 min Scan# 498
Delta R.T. -0.006 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

Tgt Ion:112 Resp: 752298
Ion Ratio Lower Upper
112 100
64 63.1 32.8 49.2#
63 33.3 17.0 25.4#

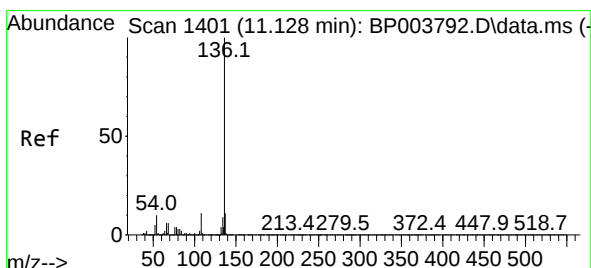
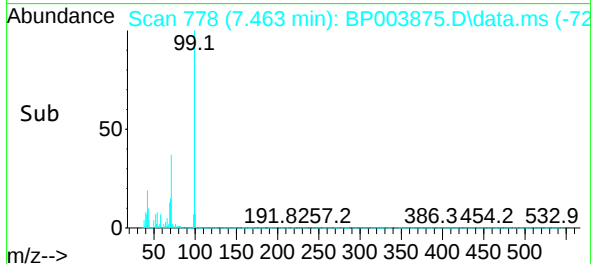
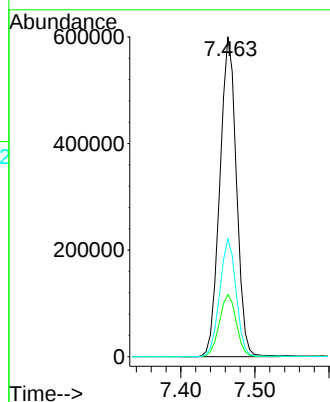
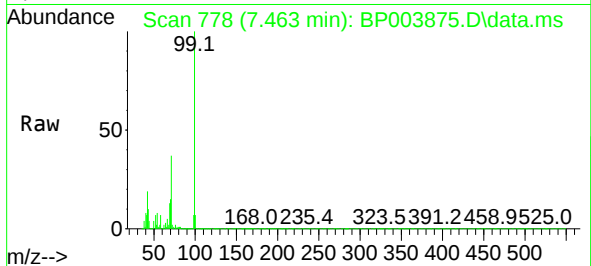




#7
Phenol-d6
Concen: 69.24 ng
RT: 7.463 min Scan# 778
Delta R.T. -0.006 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

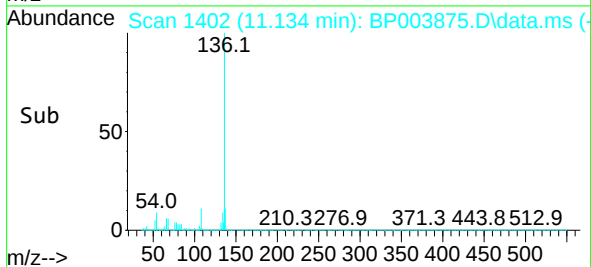
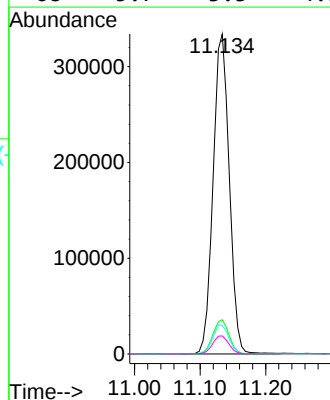
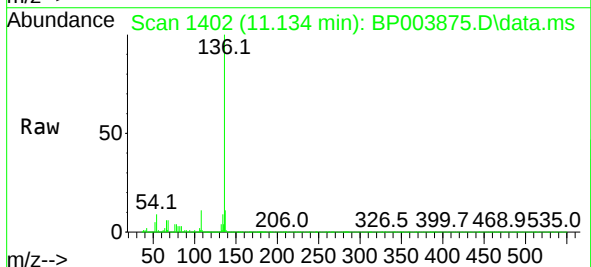
Instrument :
BNA_P
ClientSampleId :
1998-OS

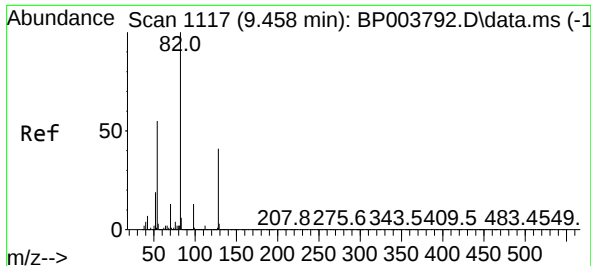
Tgt Ion: 99 Resp: 936287
Ion Ratio Lower Upper
99 100
42 19.4 8.6 13.0#
71 36.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.134 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

Tgt Ion: 136 Resp: 570859
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 3.6 5.4#
68 5.7 3.3 4.9#

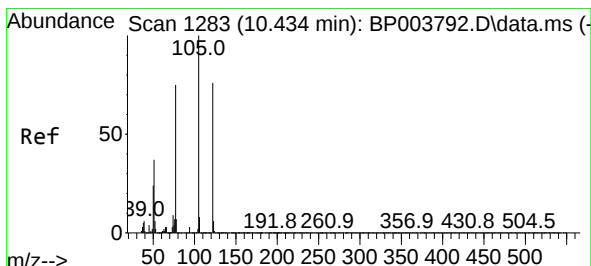
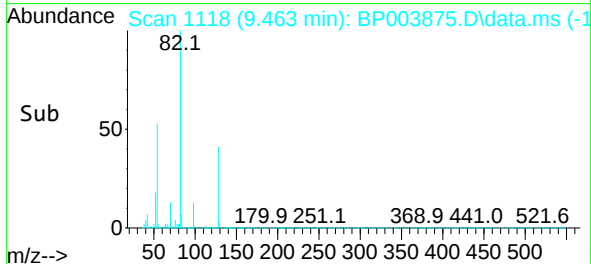
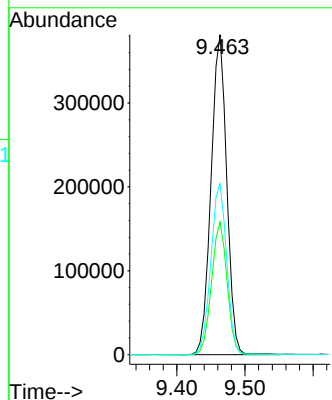
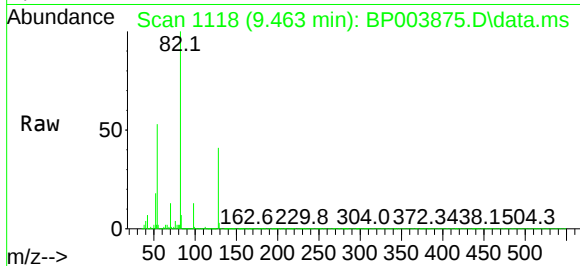




#23
Nitrobenzene-d5
Concen: 52.32 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

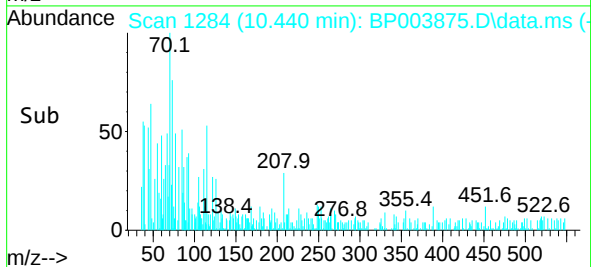
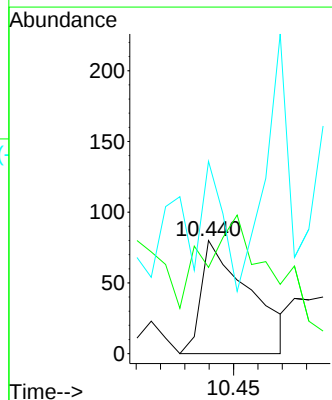
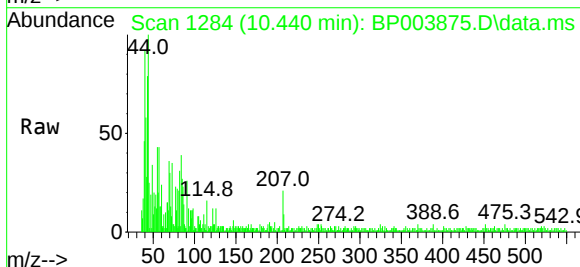
Instrument :
BNA_P
ClientSampleId :
1998-OS

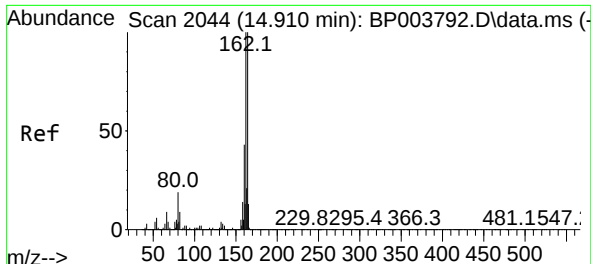
Tgt Ion: 82 Resp: 609825
Ion Ratio Lower Upper
82 100
128 41.4 45.6 68.4#
54 53.5 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.440 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

Tgt Ion: 122 Resp: 111
Ion Ratio Lower Upper
122 100
105 76.3 94.1 134.1#
77 170.0 50.1 90.1#

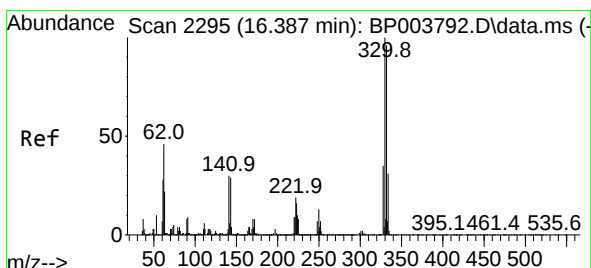
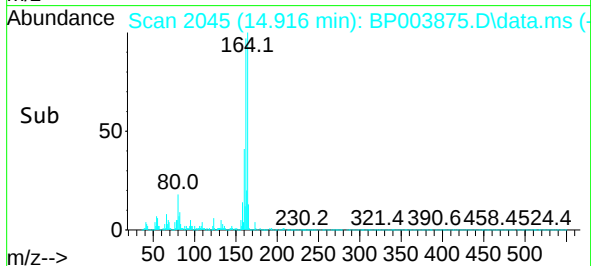
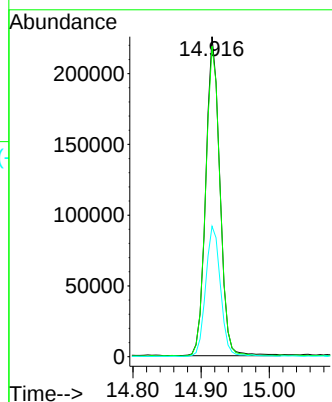
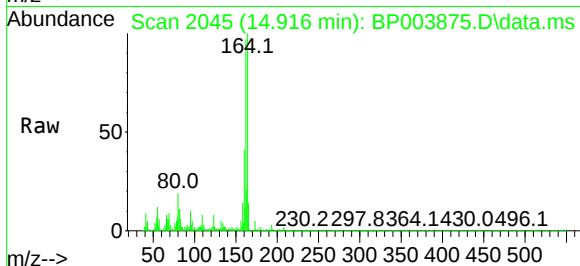




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.916 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

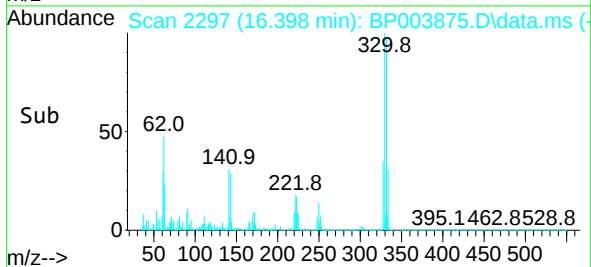
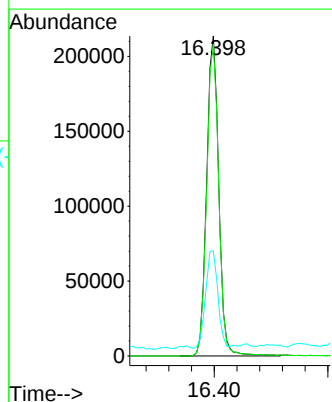
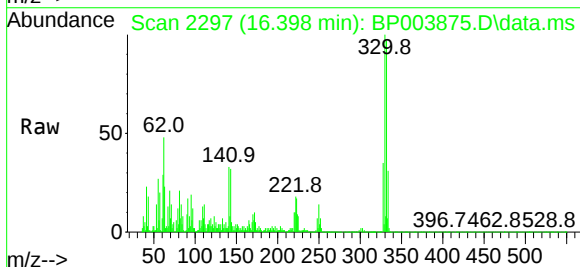
Instrument :
BNA_P
ClientSampleId :
1998-OS

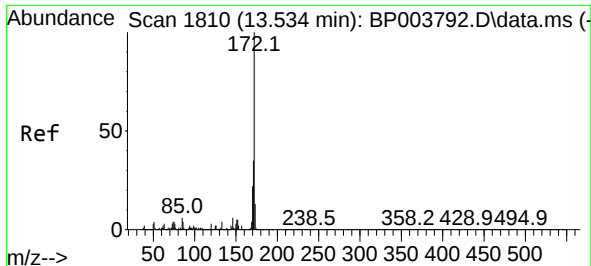
Tgt Ion:164 Resp: 324934
Ion Ratio Lower Upper
164 100
162 97.0 79.4 119.2
160 40.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 77.31 ng
RT: 16.398 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

Tgt Ion:330 Resp: 314205
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 31.2 23.4 35.2

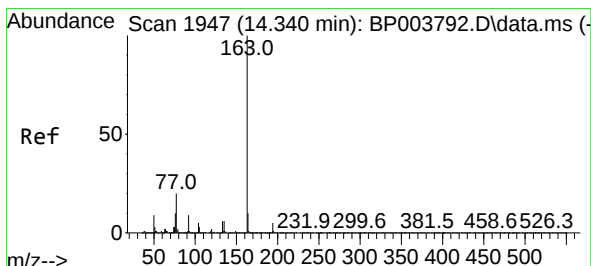
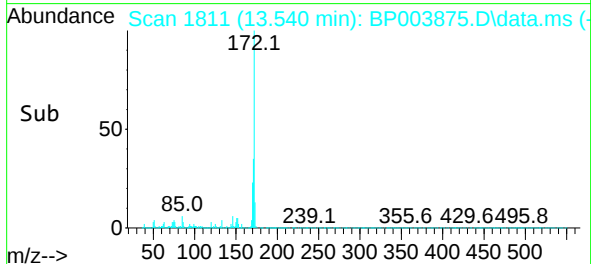
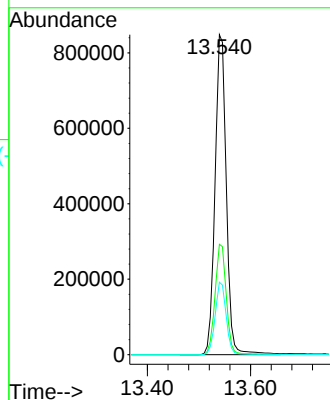
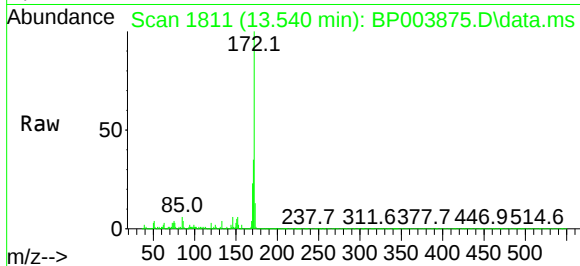




#45
2-Fluorobiphenyl
Concen: 55.29 ng
RT: 13.540 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

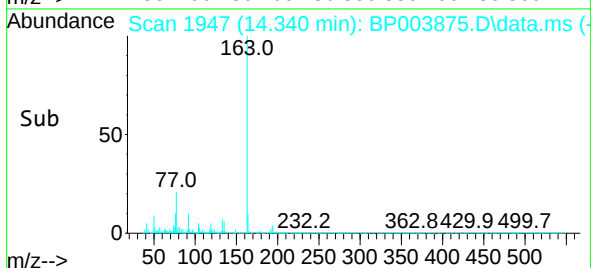
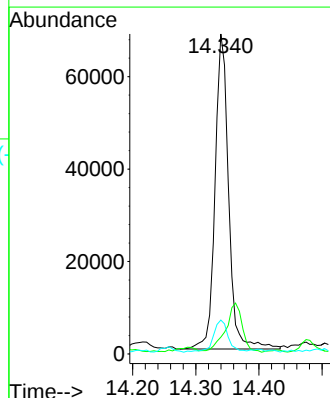
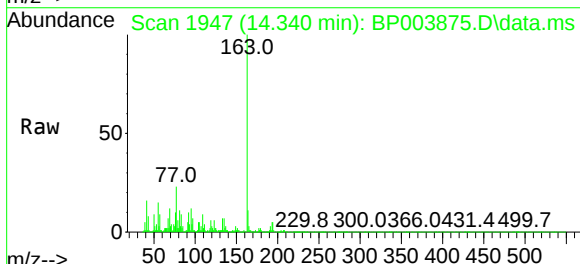
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ClientSampleId :
1998-OS

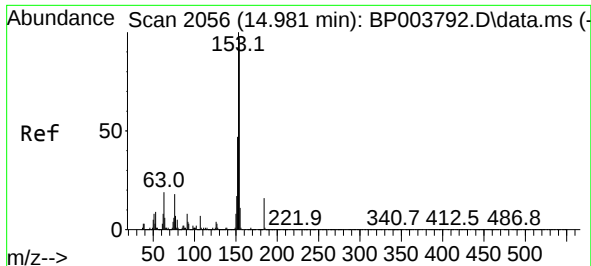
Tgt Ion:172 Resp: 1284968
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.6 19.2 28.8



#50
Dimethylphthalate
Concen: 4.02 ng
RT: 14.340 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

Tgt Ion:163 Resp: 102189
Ion Ratio Lower Upper
163 100
194 5.3 3.3 4.9#
164 10.6 8.2 12.2

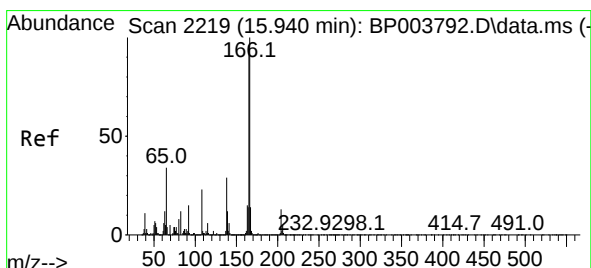
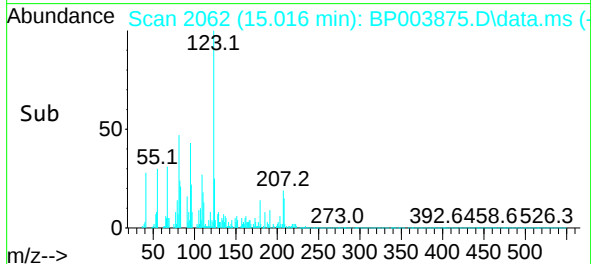
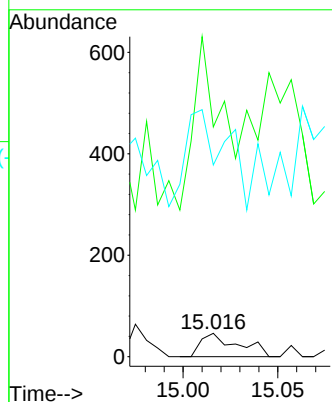
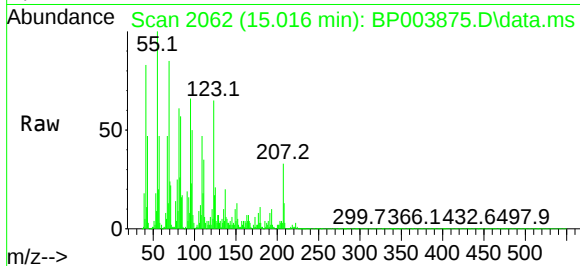




#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 15.016 min Scan# 2062
Delta R.T. 0.018 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

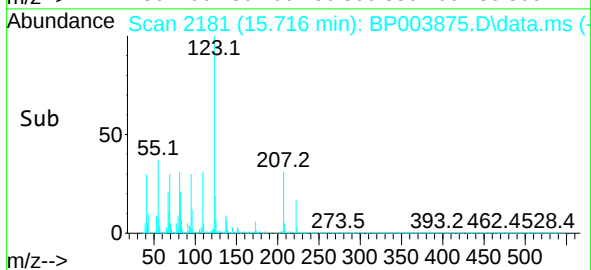
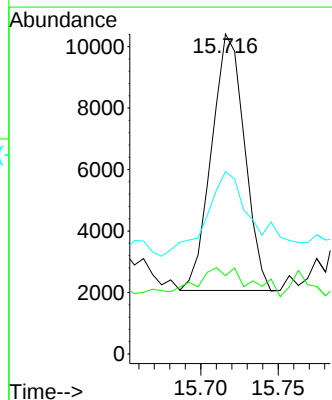
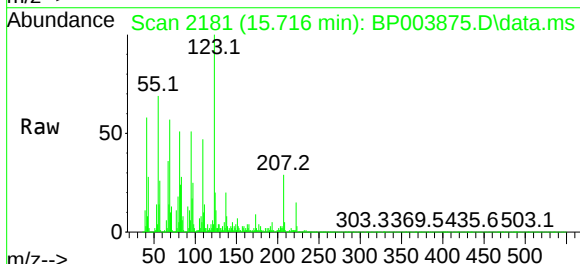
Instrument :
BNA_P
ClientSampled :
1998-OS

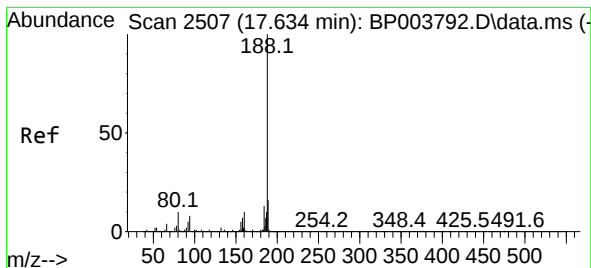
Tgt Ion:184	Resp:	62
Ion Ratio	Lower	Upper
184	100	
63	984.8	32.3 48.5#
154	821.7	49.1 73.7#



#62
4-Nitroaniline
Concen: 2.06 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.229 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

Tgt Ion:138	Resp:	12360
Ion Ratio	Lower	Upper
138	100	
92	24.4	20.7 60.7
108	57.0	47.8 87.8





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.645 min Scan# 2509

Delta R.T. -0.000 min

Lab File: BP003875.D

Acq: 09 Nov 2020 19:05

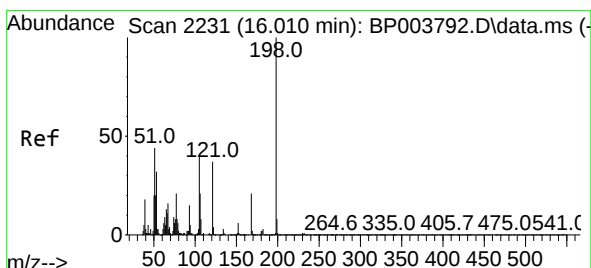
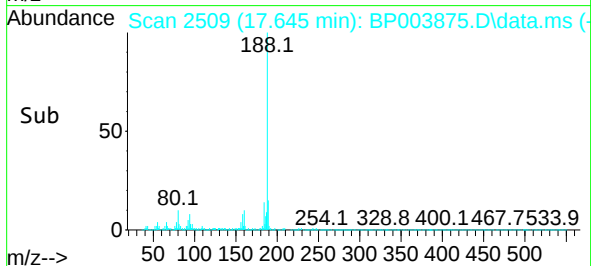
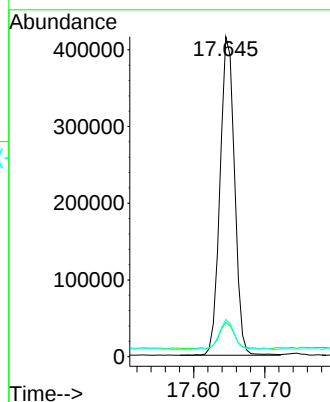
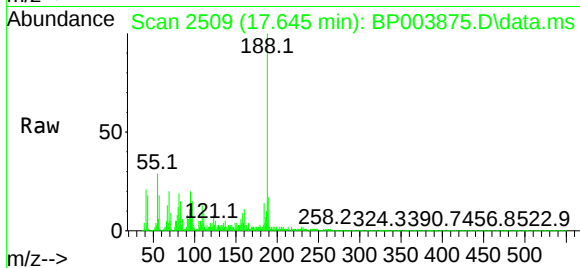
Instrument :

BNA_P

ClientSampleId :

1998-OS

Tgt Ion:188	Resp: 589405
Ion Ratio	Lower Upper
188 100	
94 10.7	6.2 9.2#
80 11.7	6.2 9.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 6.77 ng

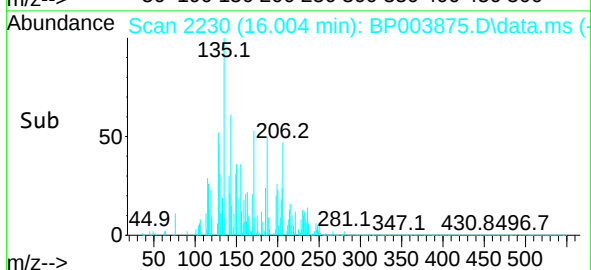
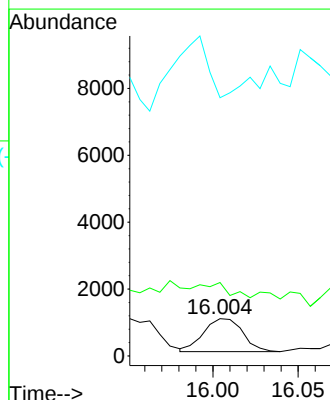
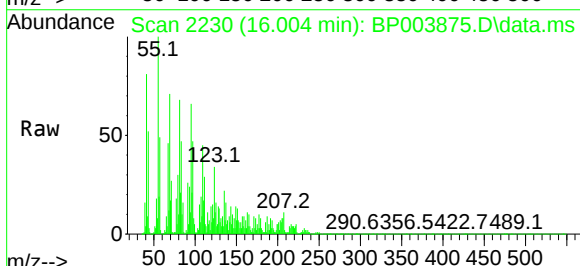
RT: 16.004 min Scan# 2230

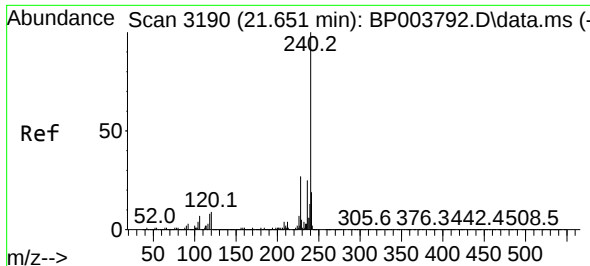
Delta R.T. -0.018 min

Lab File: BP003875.D

Acq: 09 Nov 2020 19:05

Tgt Ion:198	Resp: 1569
Ion Ratio	Lower Upper
198 100	
51 197.0	6.4 46.4#
105 692.4	18.9 58.9#

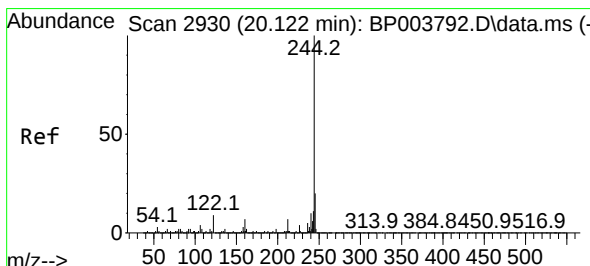
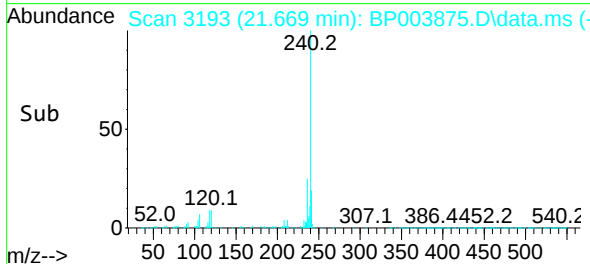
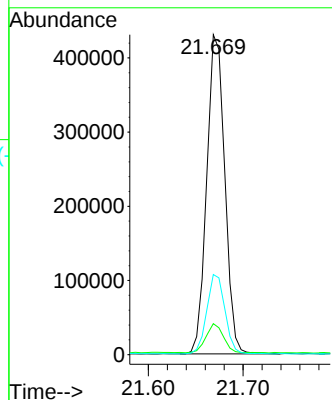
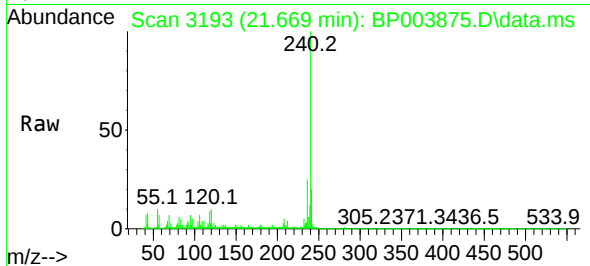




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3193
Delta R.T. -0.000 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

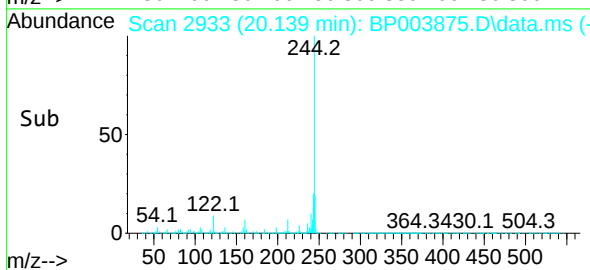
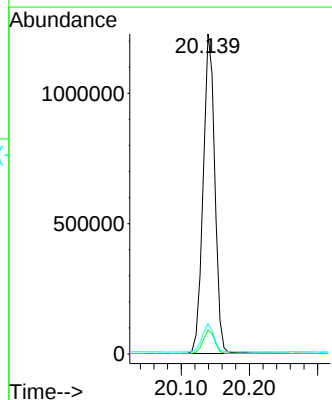
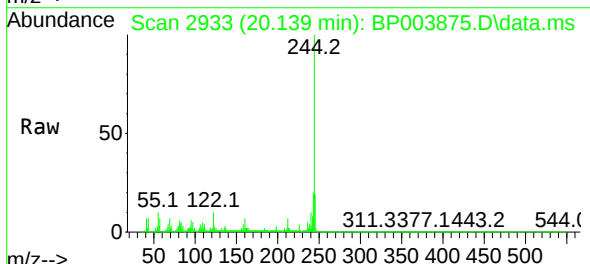
Instrument :
BNA_P
ClientSampleId :
1998-OS

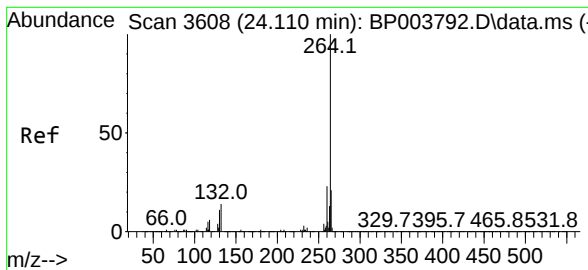
Tgt Ion:240 Resp: 571229
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.0 20.8 31.2



#79
Terphenyl-d14
Concen: 49.35 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP003875.D
Acq: 09 Nov 2020 19:05

Tgt Ion:244 Resp: 1459087
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.5 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.151 min Scan# 3615
 Delta R.T. 0.006 min
 Lab File: BP003875.D
 Acq: 09 Nov 2020 19:05

Instrument :
 BNA_P
 ClientSampleId :
 1998-OS

Tgt Ion:	264	Resp:	632870
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.8	28.2
265	21.9	17.4	26.2

