

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062221\
 Data File : BP006020.D
 Acq On : 22 Jun 2021 23:38
 Operator : CG/JU
 Sample : M2748-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3B

Quant Time: Jun 23 04:24:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

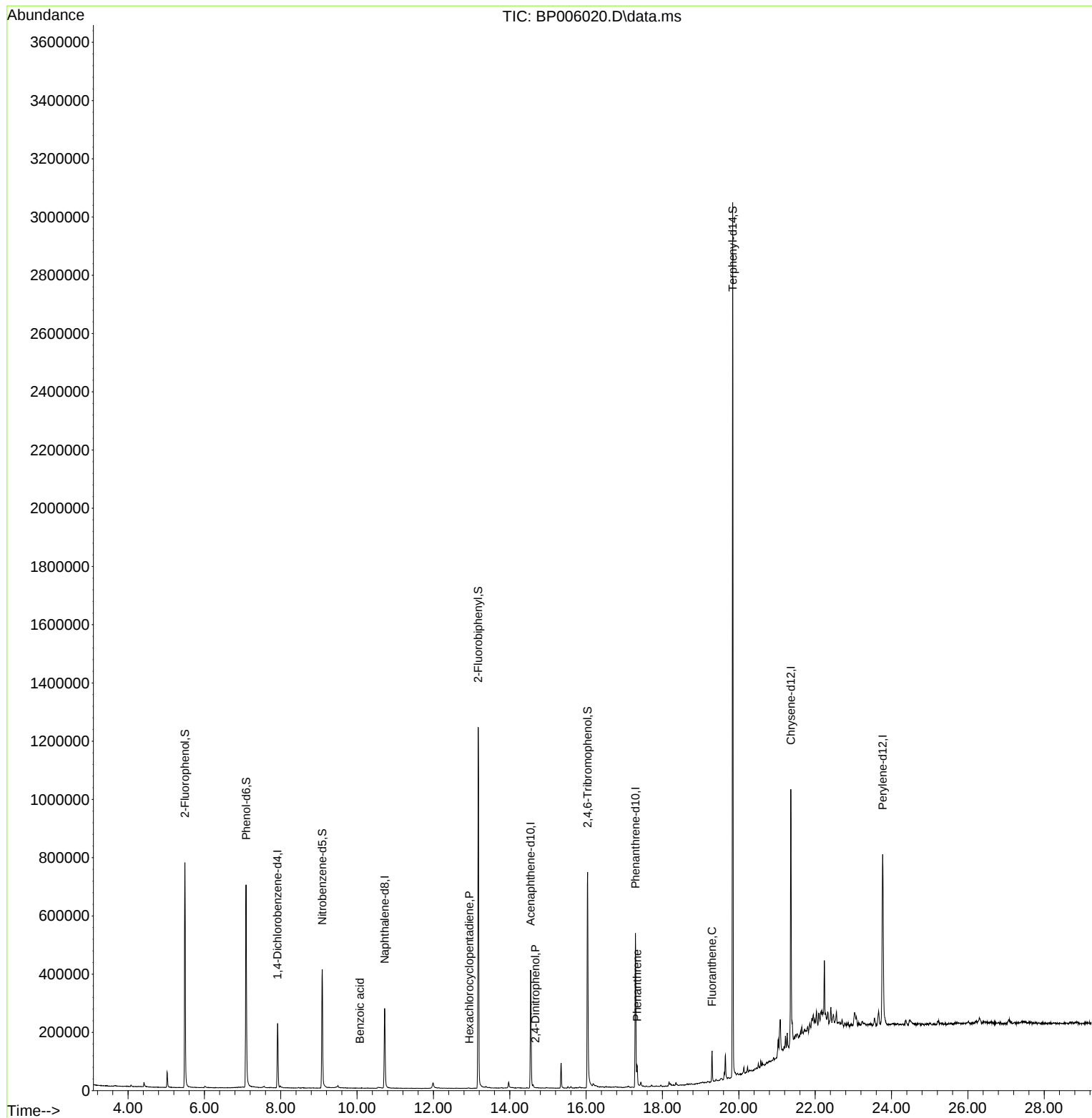
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	64123	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	248889	20.00	ng	0.00
39) Acenaphthene-d10	14.545	164	155922	20.00	ng	0.00
64) Phenanthrene-d10	17.292	188	346170	20.00	ng	0.00
76) Chrysene-d12	21.363	240	437775	20.00	ng	0.00
86) Perylene-d12	23.768	264	499526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	371340	92.92	ng	0.00
7) Phenol-d6	7.093	99	434490	83.89	ng	0.00
23) Nitrobenzene-d5	9.087	82	264727	52.15	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	184315	68.88	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	656191	55.26	ng	0.00
79) Terphenyl-d14	19.839	244	1326110	56.72	ng	0.00
Target Compounds						
32) Benzoic acid	10.075	122	6	6.32	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.940	237	24	5.51	ng	93
54) 2,4-Dinitrophenol	14.675	184	16	4.86	ng	# 1
71) Phenanthrene	17.339	178	42082	2.02	ng	99
75) Fluoranthene	19.298	202	64724	2.56	ng	99

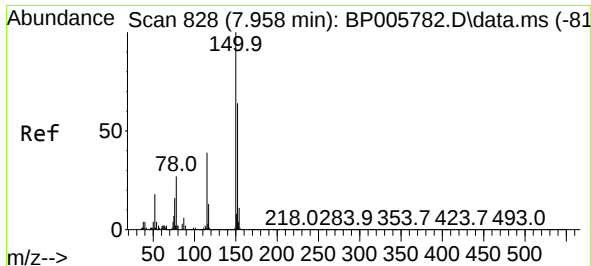
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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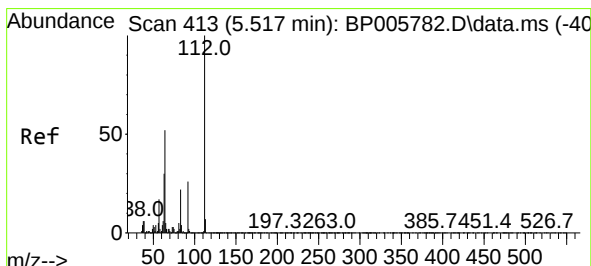
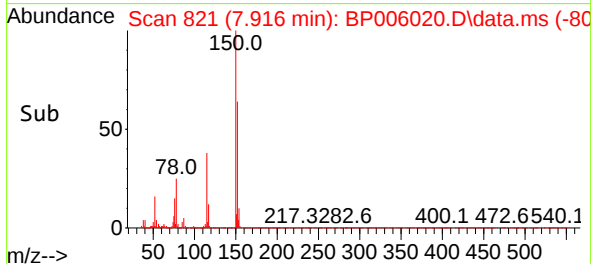
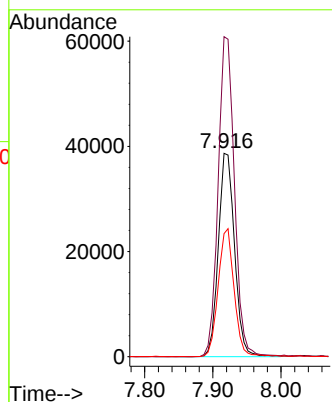
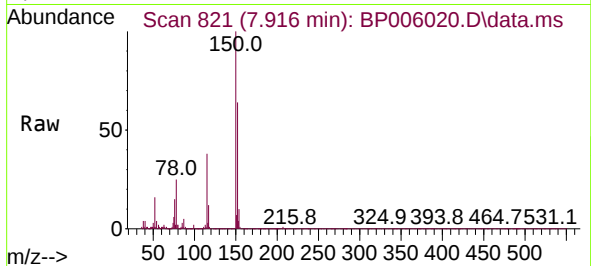




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

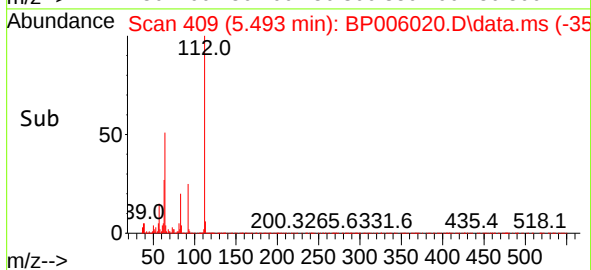
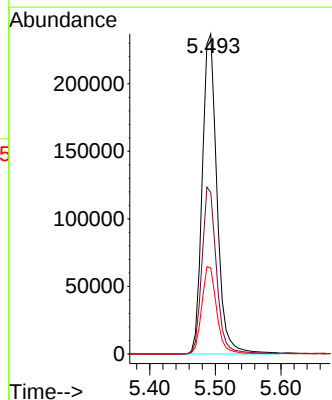
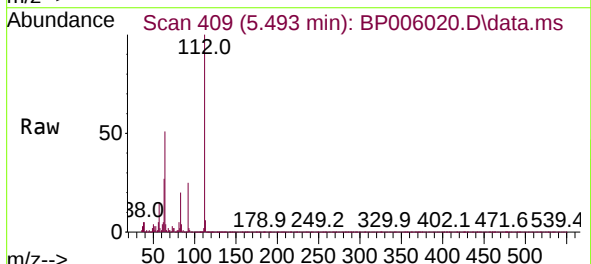
Instrument :
BNA_P
ClientSampleId :
SB-3B

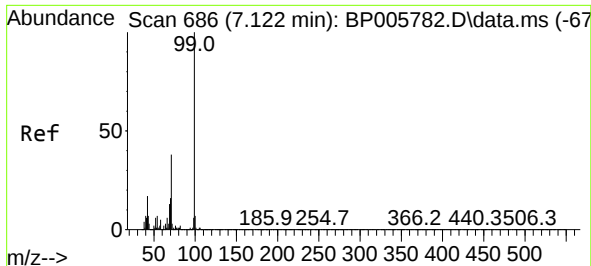
Tgt Ion:152 Resp: 64123
Ion Ratio Lower Upper
152 100
150 157.3 125.6 188.4
115 60.5 48.5 72.7



#5
2-Fluorophenol
Concen: 92.92 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

Tgt Ion:112 Resp: 371340
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 26.9 23.8 35.8

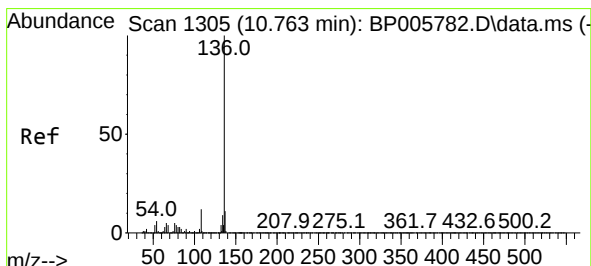
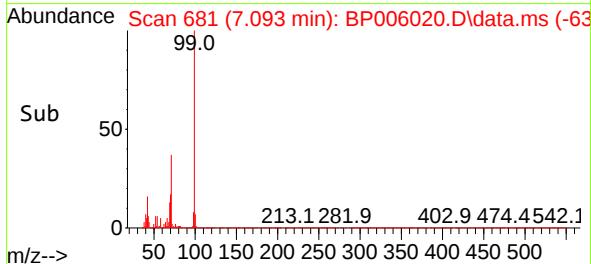
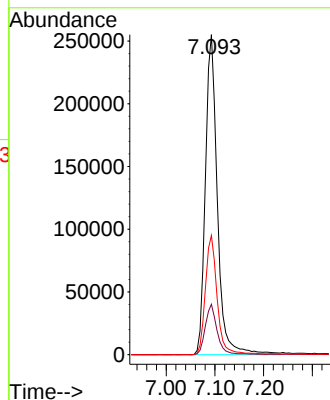
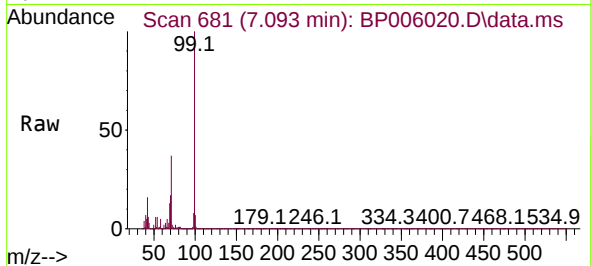




#7
Phenol-d6
Concen: 83.89 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

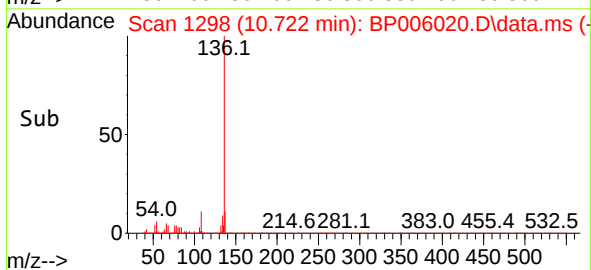
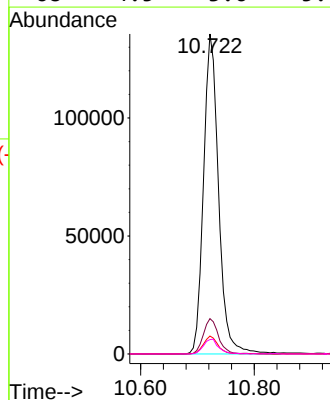
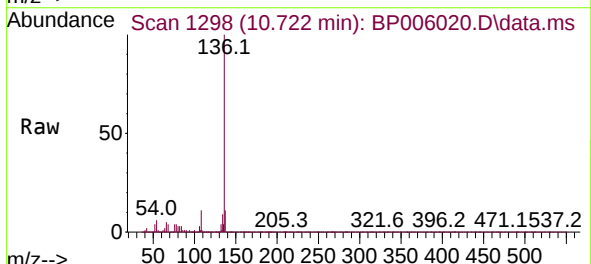
Instrument :
BNA_P
ClientSampleId :
SB-3B

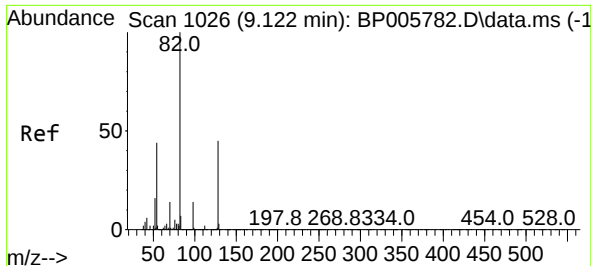
Tgt Ion: 99 Resp: 434490
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.0
71 37.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

Tgt Ion: 136 Resp: 248889
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.6 4.6 6.8
68 4.5 3.6 5.4

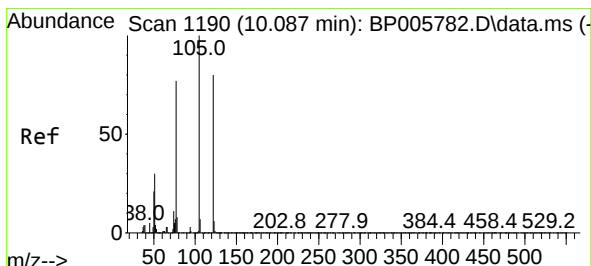
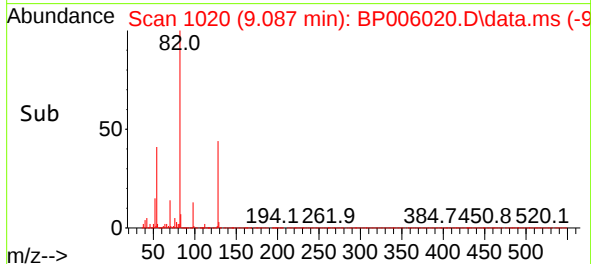
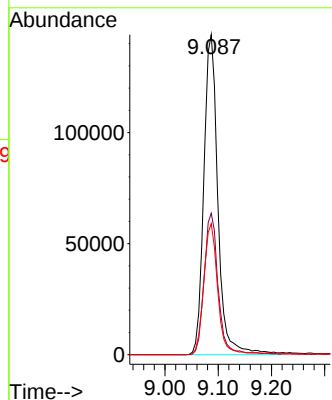
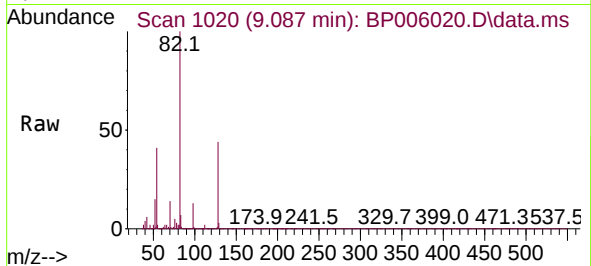




#23
Nitrobenzene-d5
Concen: 52.15 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

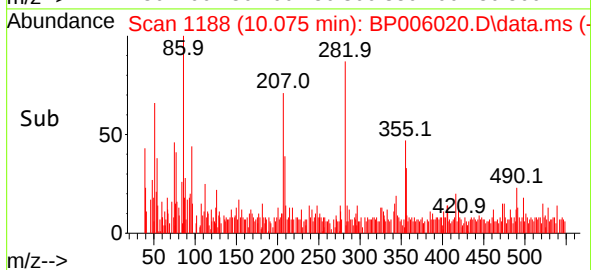
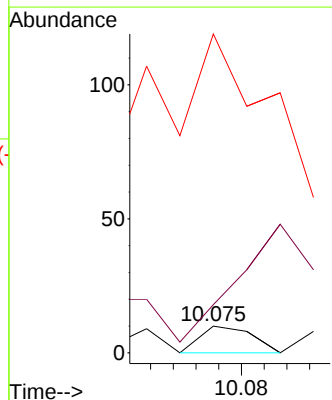
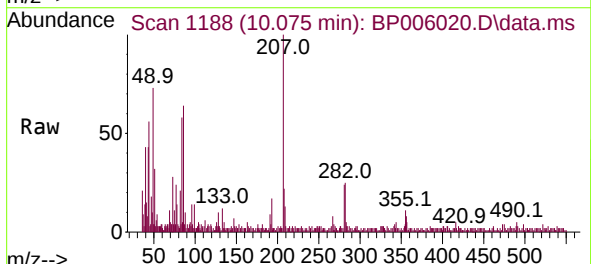
Instrument :
BNA_P
ClientSampled :
SB-3B

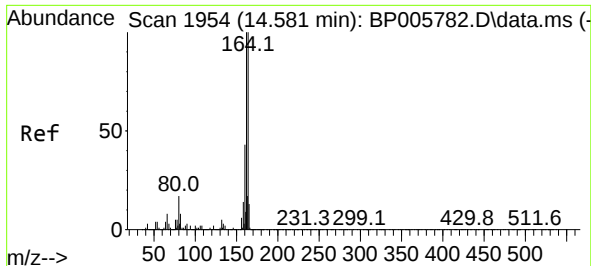
Tgt Ion: 82 Resp: 264727
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 40.9 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

Tgt Ion: 122 Resp: 6
Ion Ratio Lower Upper
122 100
105 180.0 103.2 143.2#
77 1190.0 76.2 116.2#

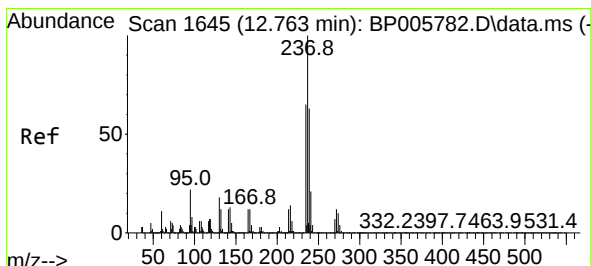
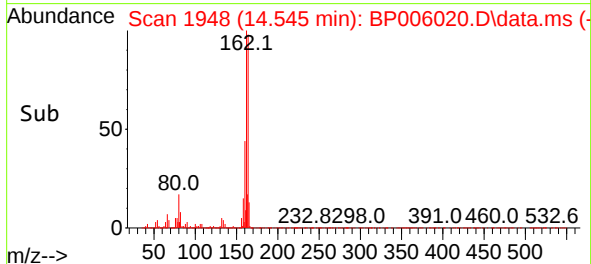
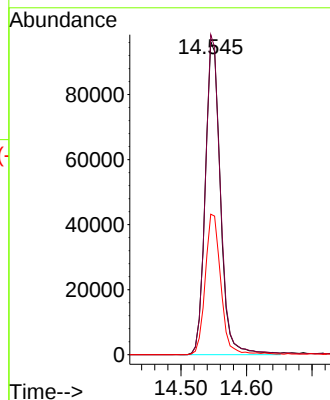
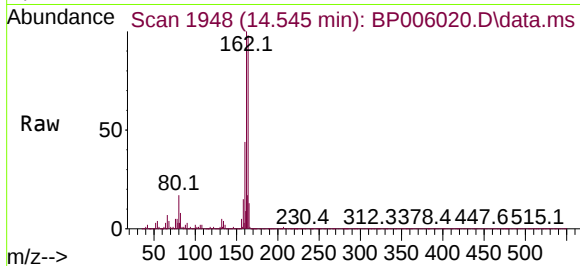




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

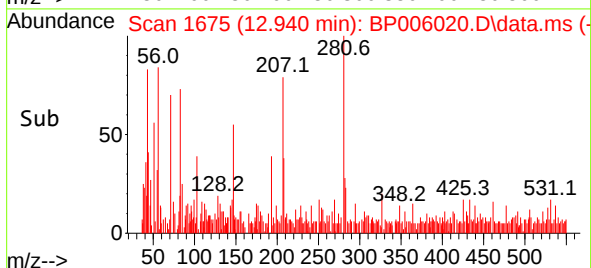
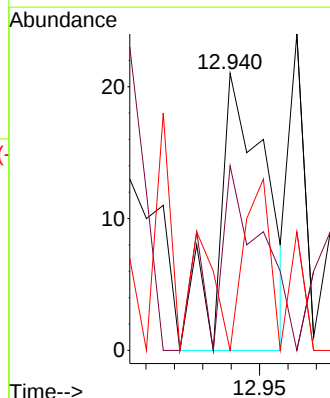
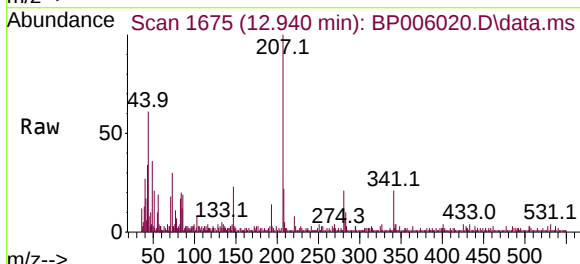
Instrument :
BNA_P
ClientSampled :
SB-3B

Tgt Ion:164	Resp:	155922
Ion Ratio	Lower	Upper
164	100	
162	102.3	80.2 120.2
160	44.9	34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.212 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

Tgt Ion:237	Resp:	24
Ion Ratio	Lower	Upper
237	100	
235	66.7	44.5 84.5
272	0.0	0.0 32.5

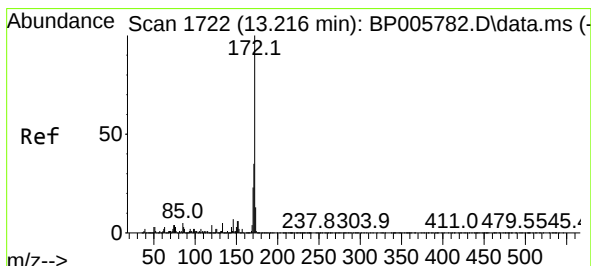
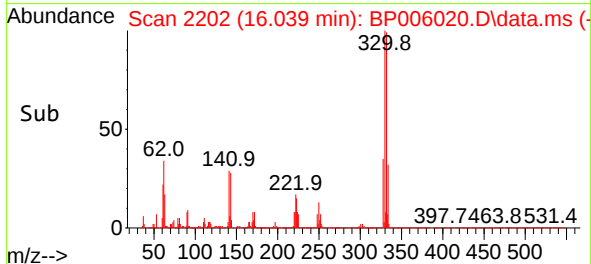
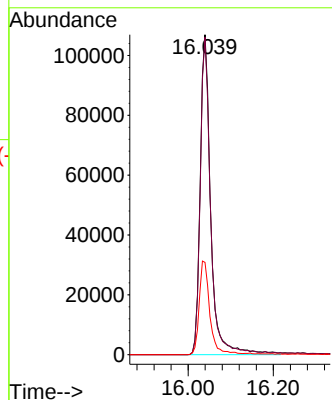
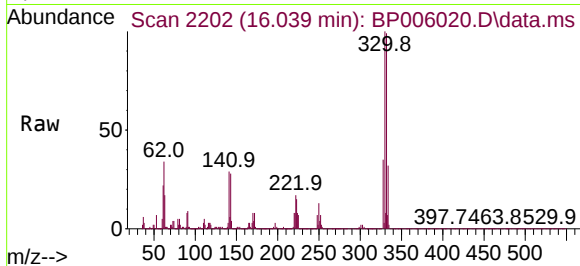




#42
2,4,6-Tribromophenol
Concen: 68.88 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

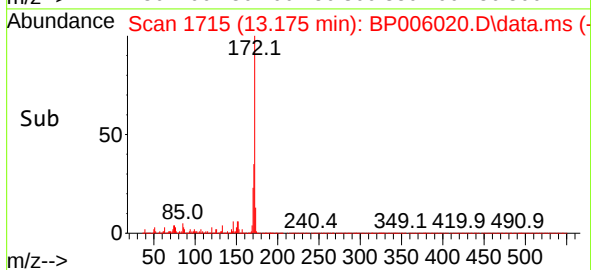
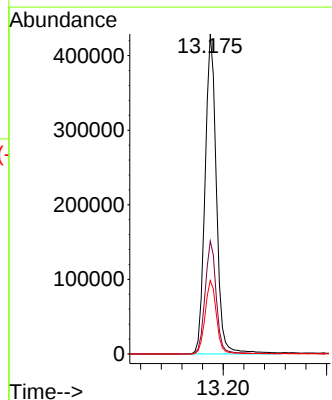
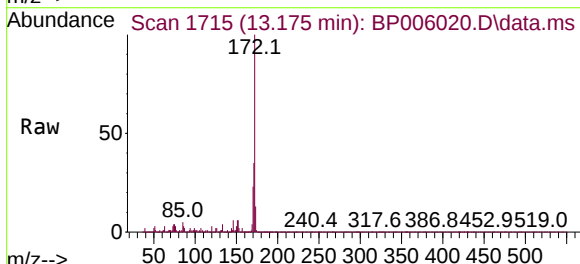
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ClientSampleId :
SB-3B

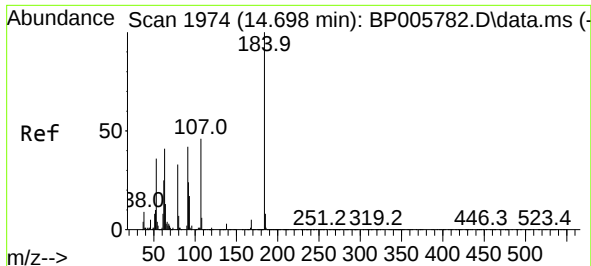
Tgt Ion:330 Resp: 184315
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 29.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 55.26 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

Tgt Ion:172 Resp: 656191
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.0 18.6 27.8

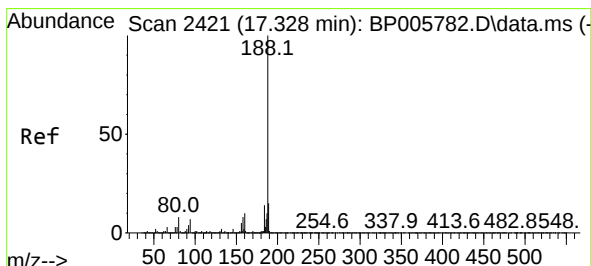
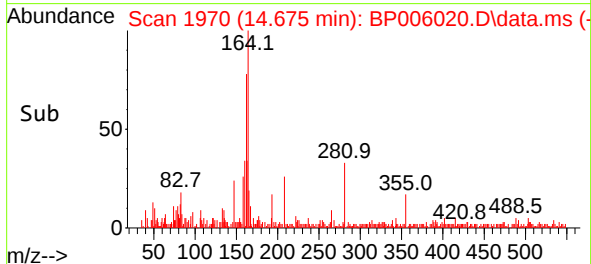
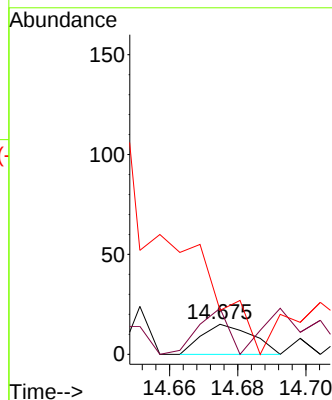
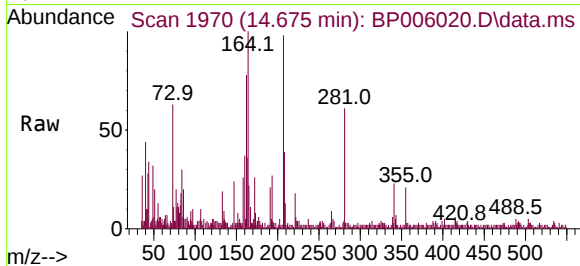




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

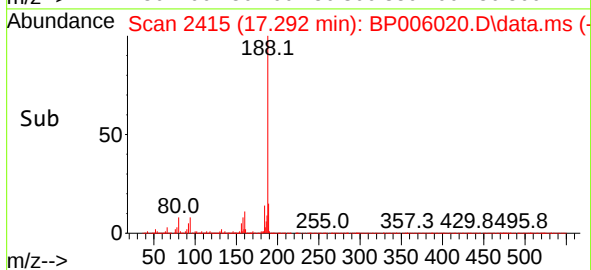
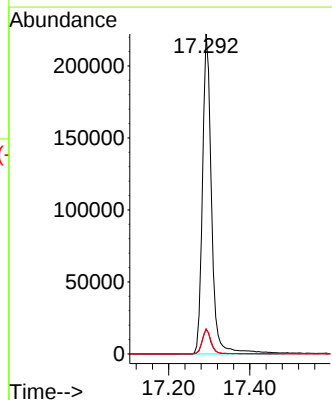
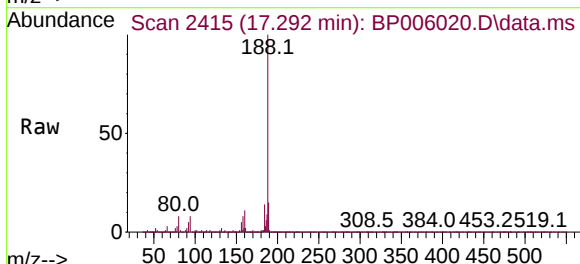
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BNA_P
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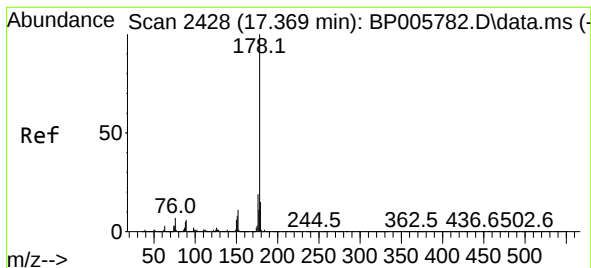
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 153.3 47.0 70.6#
154 226.7 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

Tgt Ion:188 Resp: 346170
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 7.9 6.3 9.5





#71

Phenanthrene

Concen: 2.02 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP006020.D

Acq: 22 Jun 2021 23:38

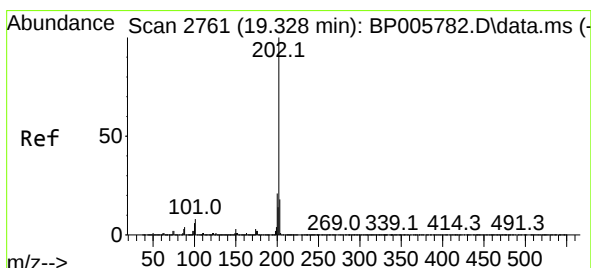
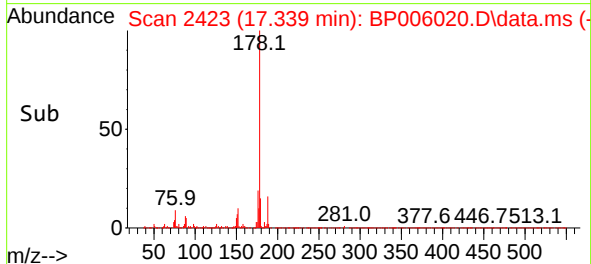
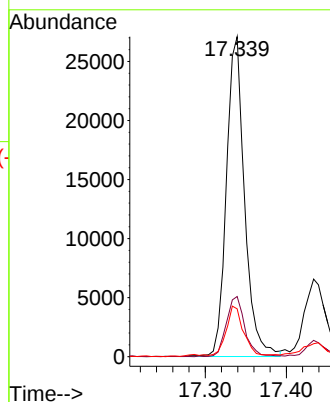
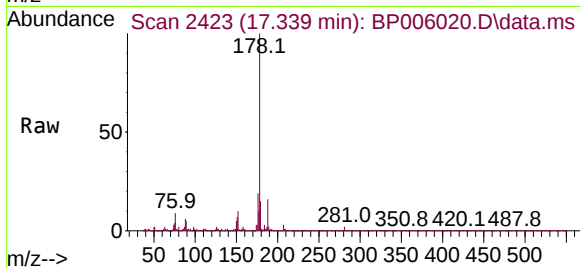
Instrument :

BNA_P

ClientSampled :

SB-3B

Tgt Ion:178	Resp:	42082
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.1 22.7
179	15.0	12.4 18.6



#75

Fluoranthene

Concen: 2.56 ng

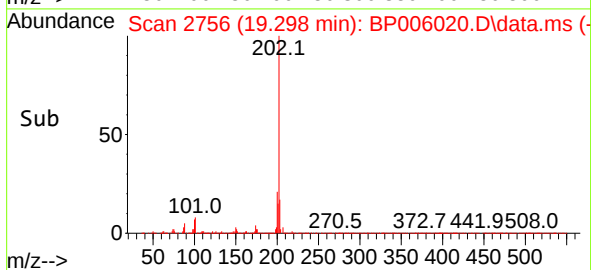
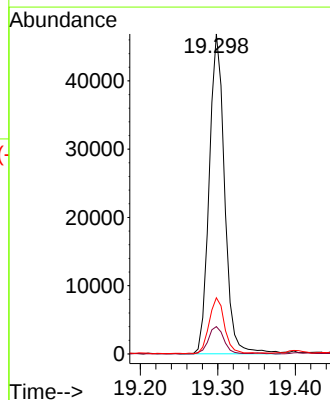
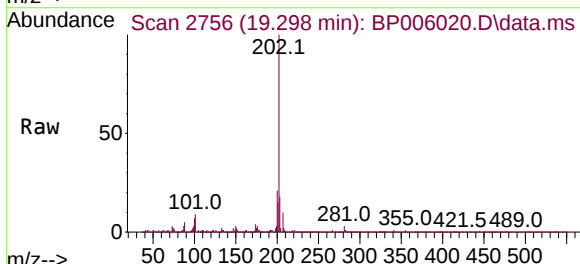
RT: 19.298 min Scan# 2756

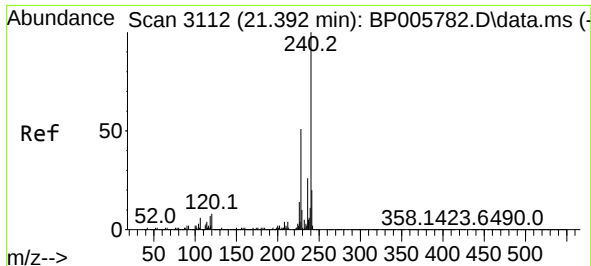
Delta R.T. -0.000 min

Lab File: BP006020.D

Acq: 22 Jun 2021 23:38

Tgt Ion:202	Resp:	64724
Ion Ratio	Lower	Upper
202	100	
101	8.6	0.0 27.6
203	17.6	0.0 37.8

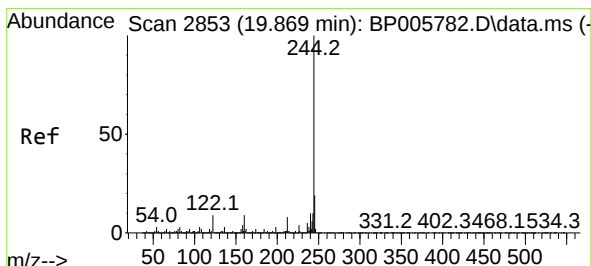
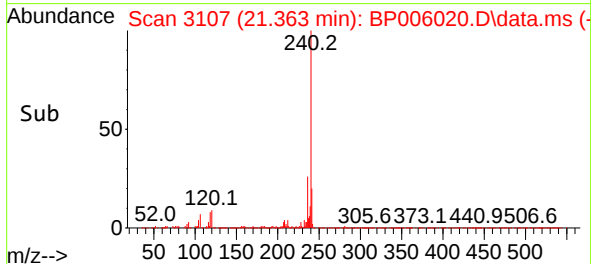
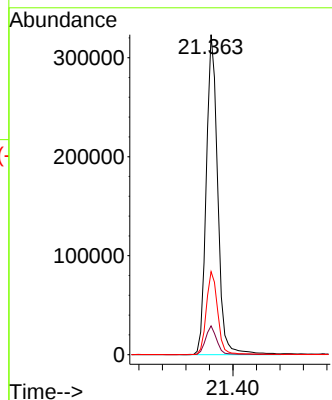
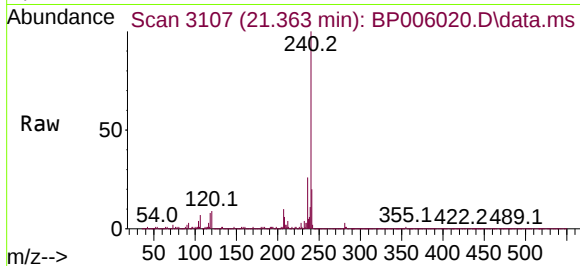




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

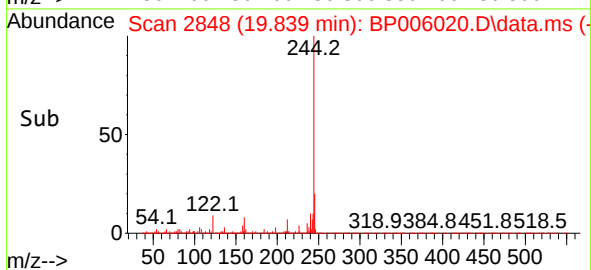
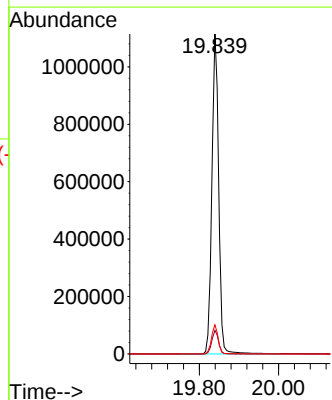
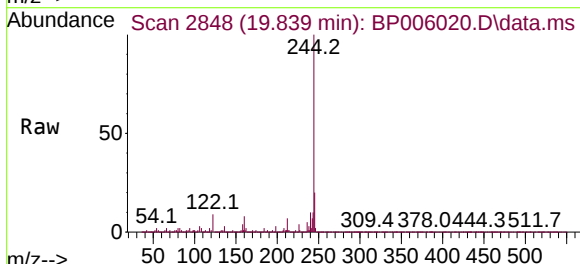
Instrument :
BNA_P
ClientSampleId :
SB-3B

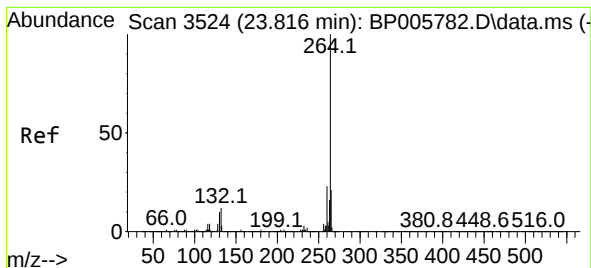
Tgt Ion:	240	Resp:	437775
Ion Ratio	Lower	Upper	
240	100		
120	9.0	6.5	9.7
236	25.9	20.6	31.0



#79
Terphenyl-d14
Concen: 56.72 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP006020.D
Acq: 22 Jun 2021 23:38

Tgt Ion:	244	Resp:	1326110
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	9.1	7.1	10.7





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BP006020.D
 Acq: 22 Jun 2021 23:38

Instrument :
 BNA_P
 ClientSampleId :
 SB-3B

Tgt Ion:264 Resp: 499526
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.2 17.6 26.4

