

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016448.D
 Acq On : 01 Aug 2023 10:31
 Operator : MA/JU
 Sample : 03767-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MMC-COMP

Quant Time: Aug 01 15:48:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

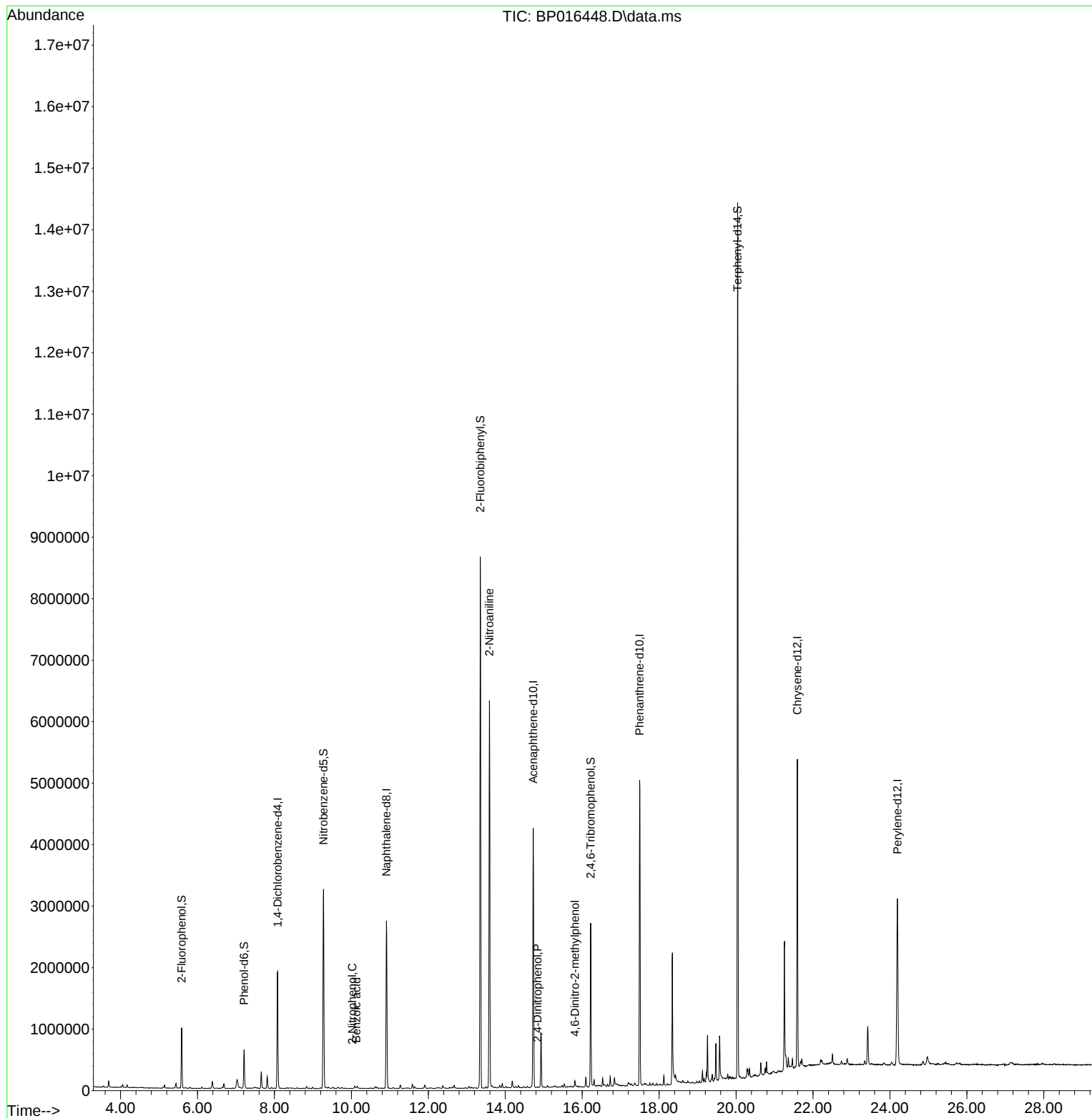
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	514929	20.000	ng	-0.01
21) Naphthalene-d8	10.910	136	2227436	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1355004	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2924860	20.000	ng	0.00
76) Chrysene-d12	21.592	240	2221543	20.000	ng	# 0.00
86) Perylene-d12	24.192	264	2078282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	421693	13.360	ng	-0.02
7) Phenol-d6	7.211	99	357000	8.252	ng	-0.02
23) Nitrobenzene-d5	9.275	82	1871074	47.023	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	450731	22.611	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	4346769	45.991	ng	-0.01
79) Terphenyl-d14	20.039	244	6773702	64.410	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.222	77	1469	Below Cal	#	32
26) 2-Nitrophenol	10.022	139	37	3.127 ng	#	1
32) Benzoic acid	10.128	122	2048	6.362 ng	#	70
48) 2-Nitroaniline	13.587	65	111398	5.071 ng	#	10
54) 2,4-Dinitrophenol	14.840	184	67	8.008 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.810	198	5518	6.651 ng	#	63

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

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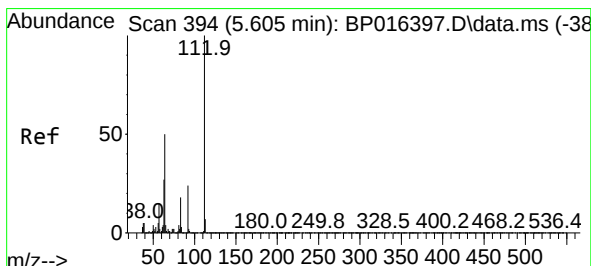
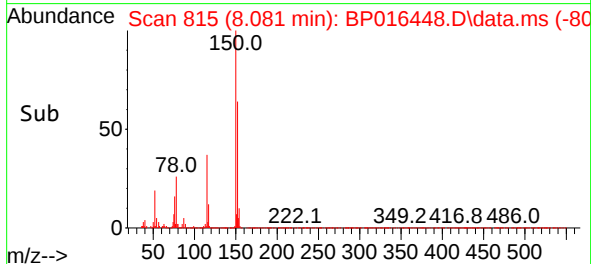
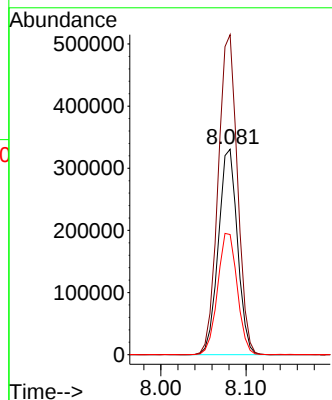
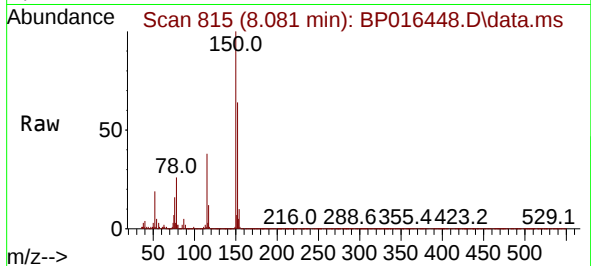




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 817
Delta R.T. -0.012 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

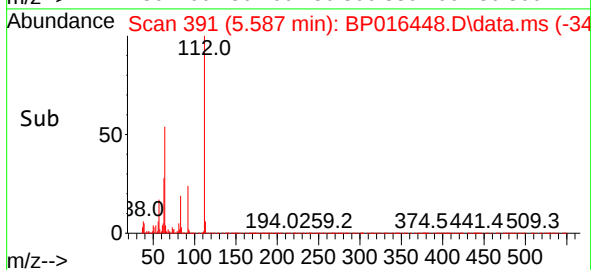
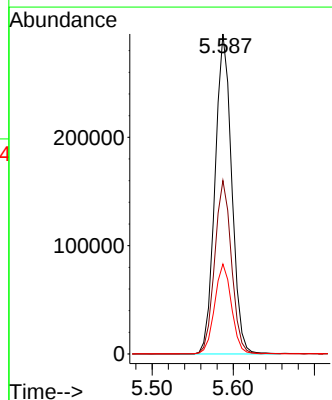
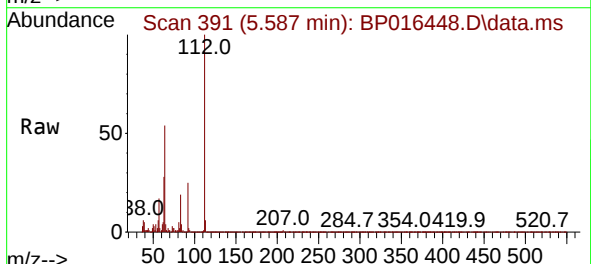
Instrument :
BNA_P
ClientSampleId :
MMC-COMP

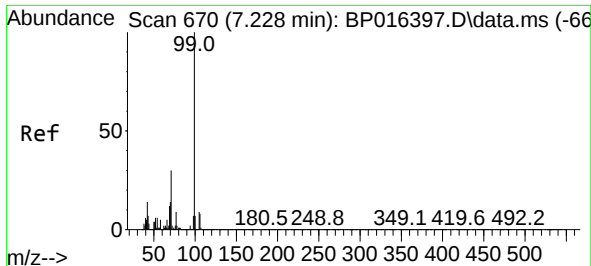
Tgt Ion:152 Resp: 514929
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 58.5 46.8 70.2



#5
2-Fluorophenol
Concen: 13.360 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

Tgt Ion:112 Resp: 421693
Ion Ratio Lower Upper
112 100
64 54.2 40.0 60.0
63 28.1 21.2 31.8

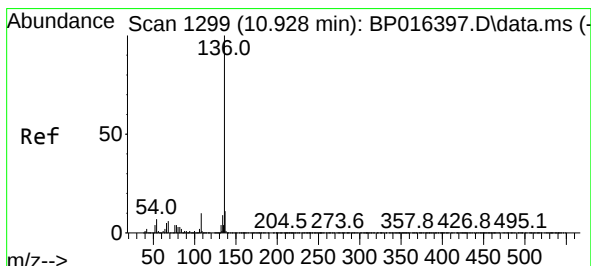
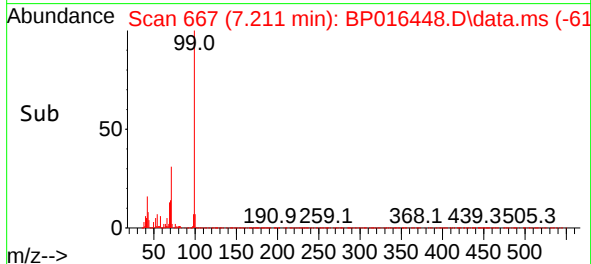
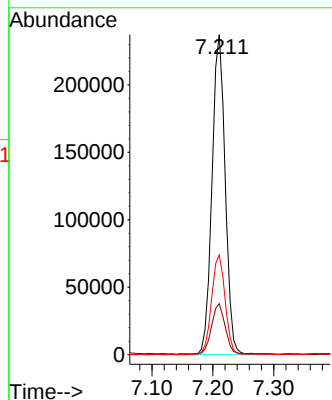
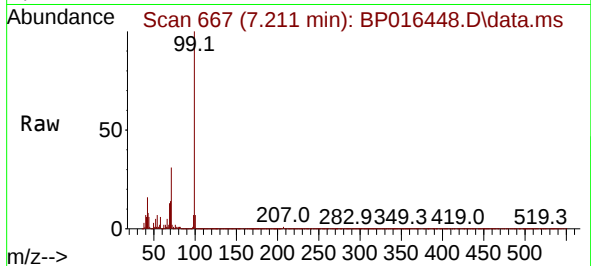




#7
Phenol-d6
Concen: 8.252 ng
RT: 7.211 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

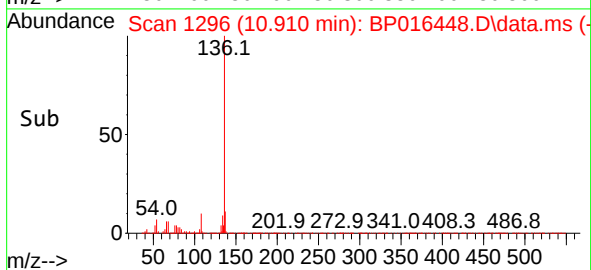
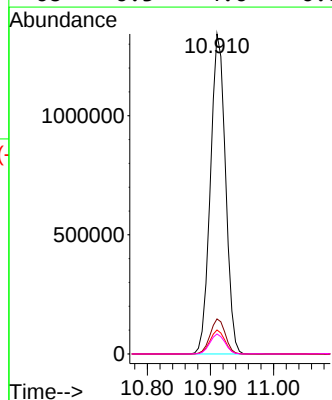
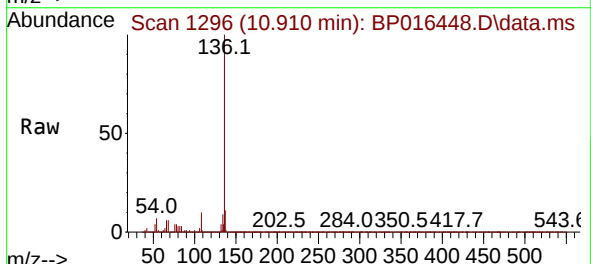
Instrument :
BNA_P
ClientSampleId :
MMC-COMP

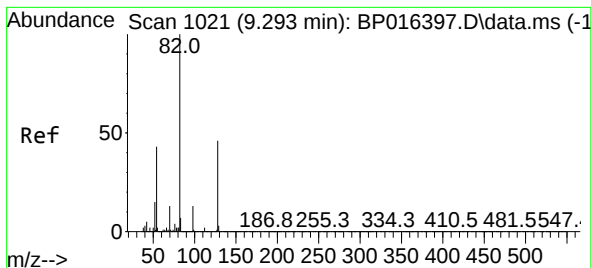
Tgt Ion: 99 Resp: 357000
Ion Ratio Lower Upper
99 100
42 15.9 11.6 17.4
71 31.2 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

Tgt Ion: 136 Resp: 2227436
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.5 5.6 8.4
68 6.3 4.6 6.8

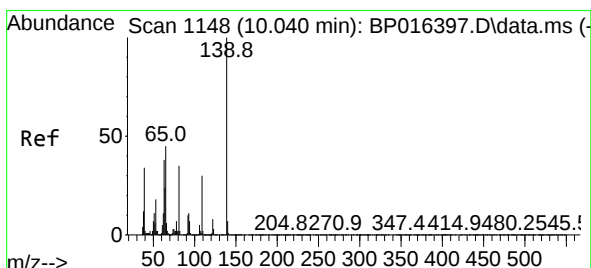
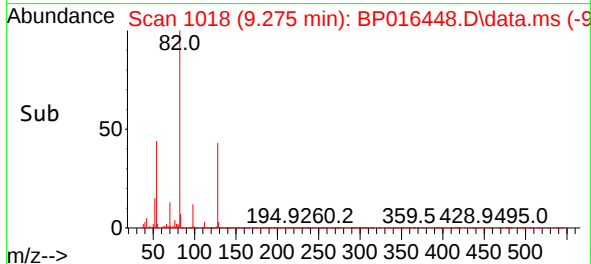
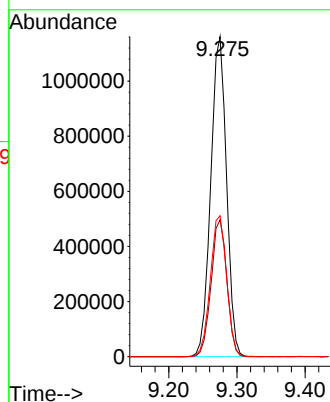
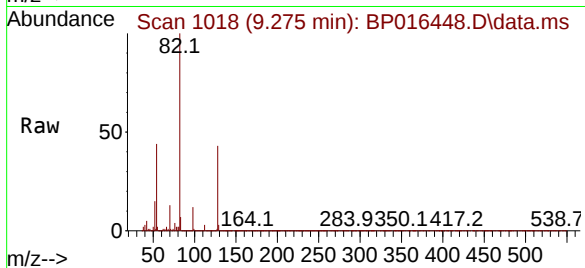




#23
Nitrobenzene-d5
Concen: 47.023 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

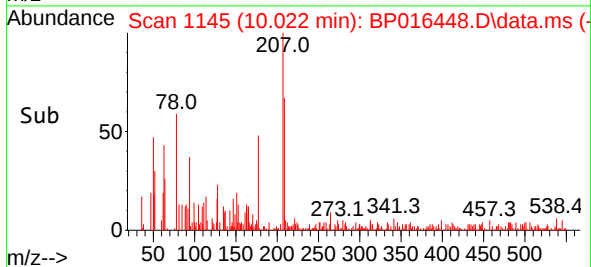
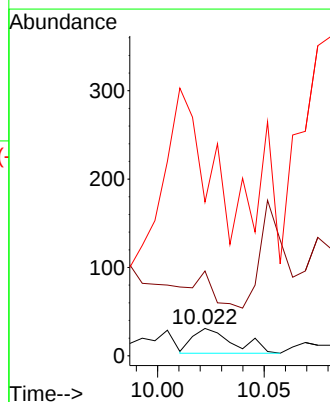
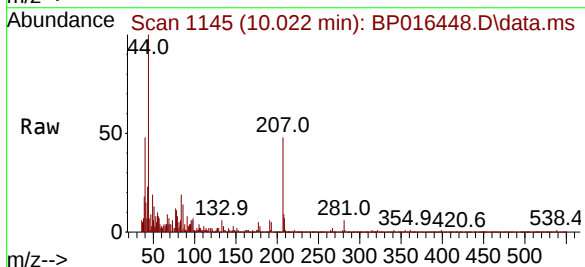
Instrument :
BNA_P
ClientSampleId :
MMC-COMP

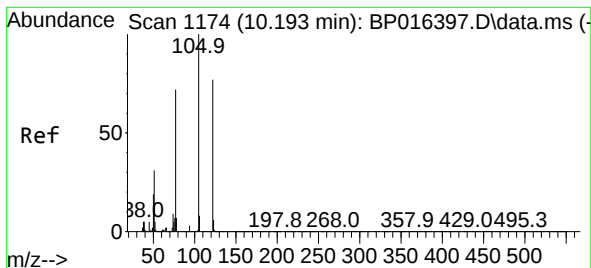
Tgt Ion: 82 Resp: 1871074
Ion Ratio Lower Upper
82 100
128 42.8 36.6 55.0
54 44.1 34.5 51.7



#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.018 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

Tgt Ion:139 Resp: 37
Ion Ratio Lower Upper
139 100
109 309.7 24.2 36.4#
65 561.3 35.8 53.6#





#32

Benzoic acid

Concen: 6.362 ng

RT: 10.128 min Scan# 1163

Delta R.T. -0.065 min

Lab File: BP016448.D

Acq: 01 Aug 2023 10:31

Instrument :

BNA_P

ClientSampleId :

MMC-COMP

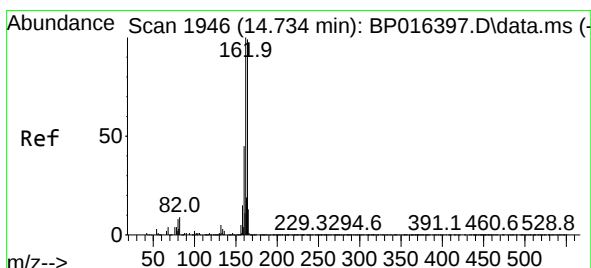
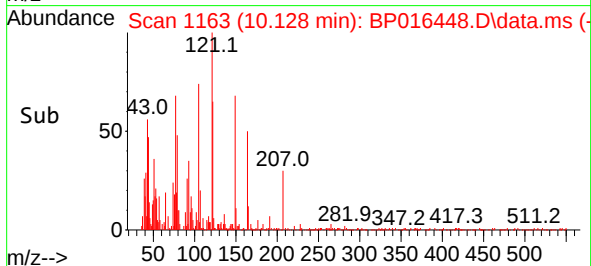
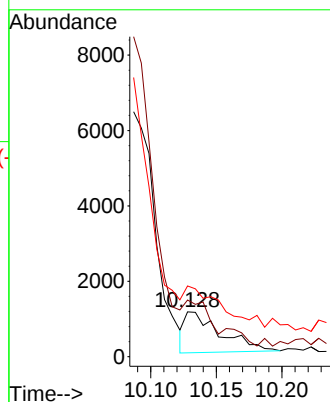
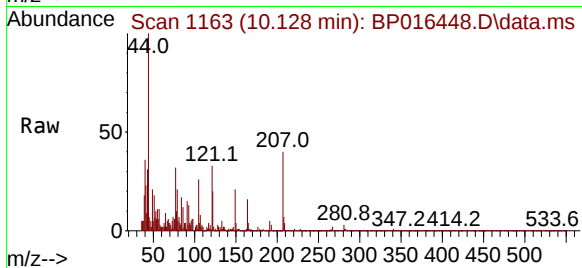
Tgt Ion:122 Resp: 2048

Ion Ratio Lower Upper

122 100

105 126.1 105.2 145.2

77 157.6 72.2 112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.728 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP016448.D

Acq: 01 Aug 2023 10:31

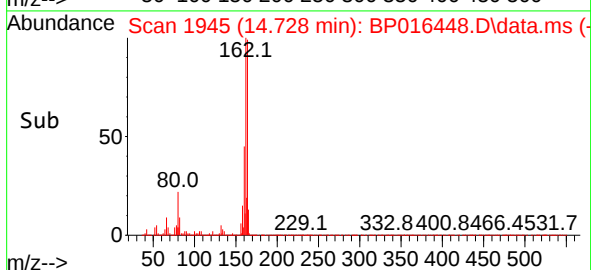
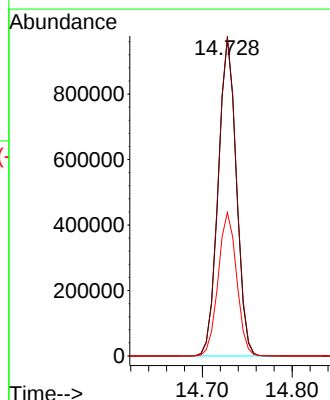
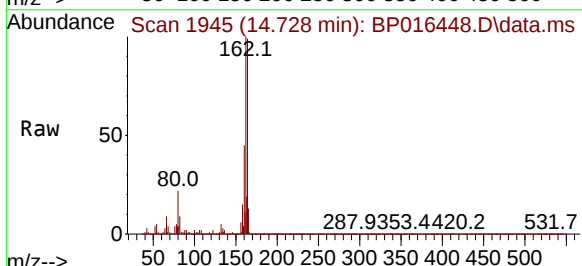
Tgt Ion:164 Resp: 1355004

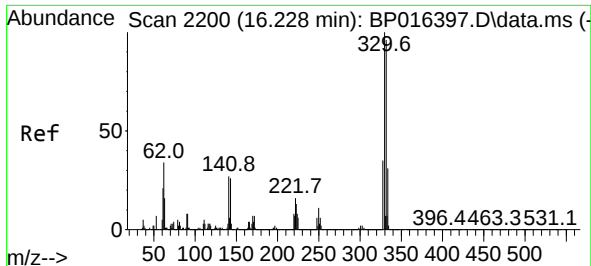
Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

160 45.2 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 22.611 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016448.D

Acq: 01 Aug 2023 10:31

Instrument :

BNA_P

ClientSampleId :

MMC-COMP

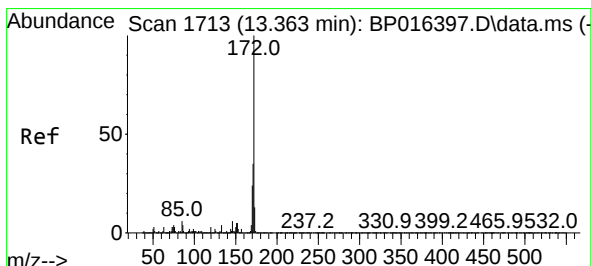
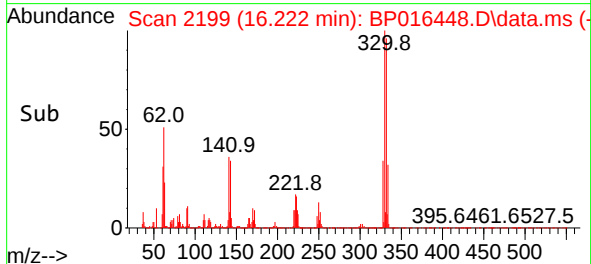
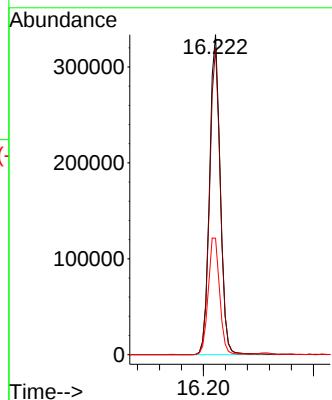
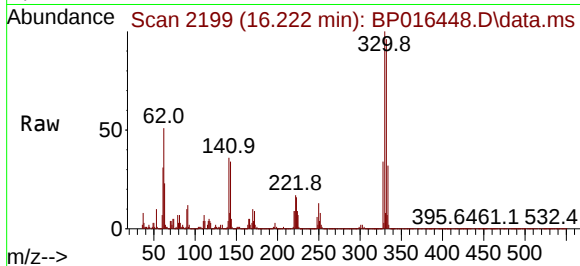
Tgt Ion:330 Resp: 450731

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.8

141 38.6 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 45.991 ng

RT: 13.351 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP016448.D

Acq: 01 Aug 2023 10:31

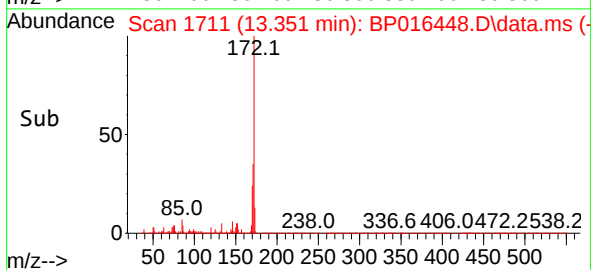
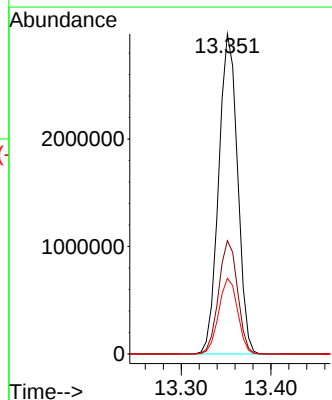
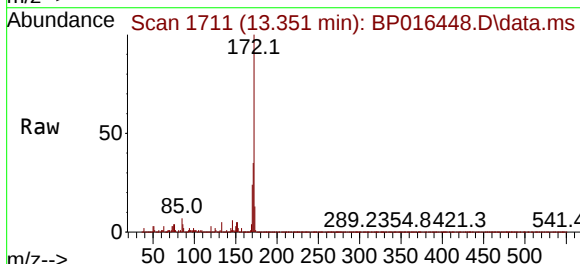
Tgt Ion:172 Resp: 4346769

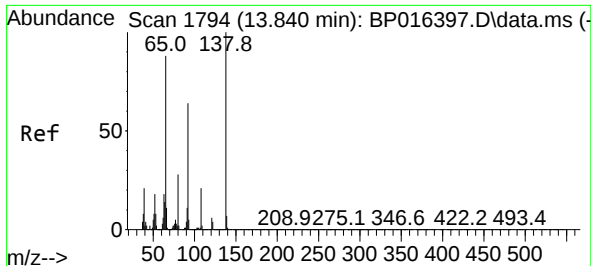
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.7 19.1 28.7

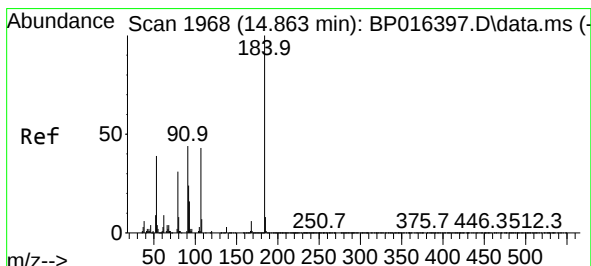
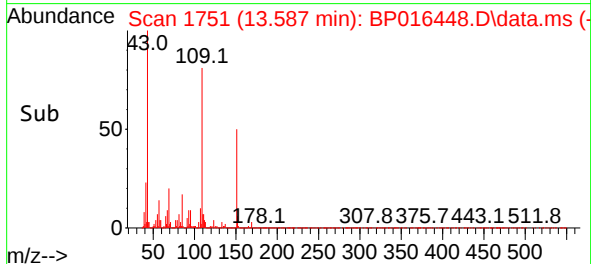
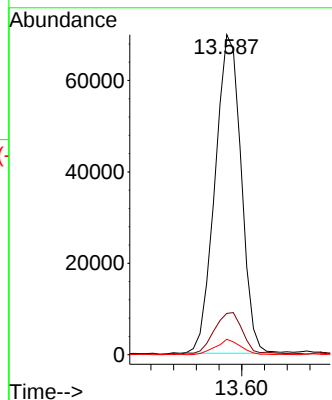
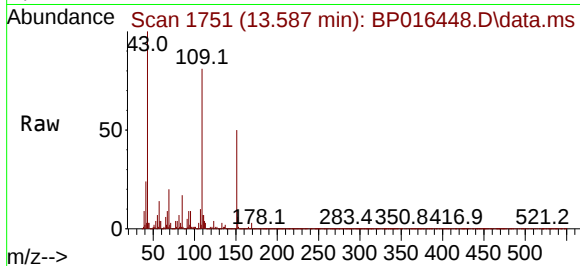




#48
2-Nitroaniline
Concen: 5.071 ng
RT: 13.587 min Scan# 11
Delta R.T. -0.253 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

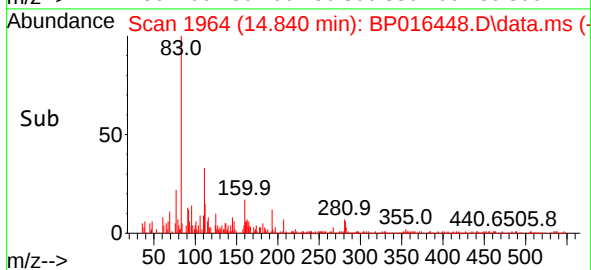
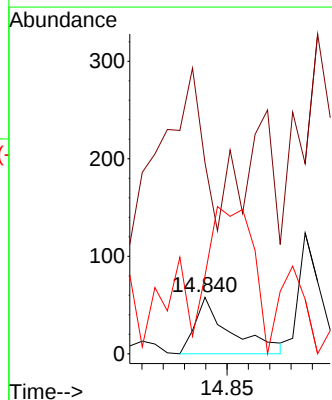
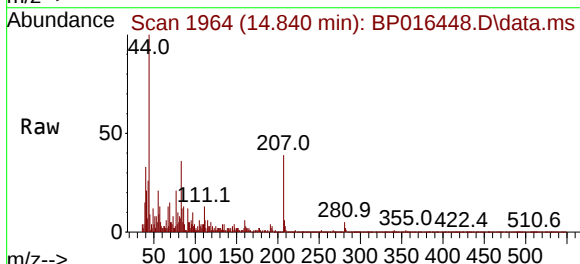
Instrument :
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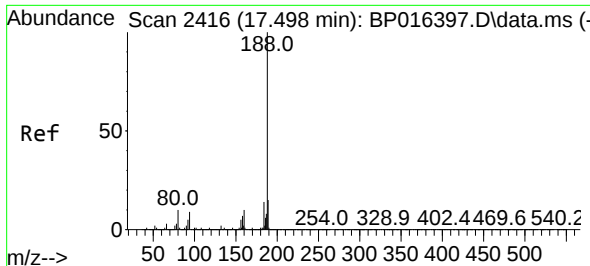
Tgt Ion: 65 Resp: 111398
Ion Ratio Lower Upper
65 100
92 12.9 58.2 87.4#
138 4.8 91.3 136.9#



#54
2,4-Dinitrophenol
Concen: 8.008 ng
RT: 14.840 min Scan# 1964
Delta R.T. -0.023 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

Tgt Ion: 184 Resp: 67
Ion Ratio Lower Upper
184 100
63 337.9 48.2 72.4#
154 137.9 49.6 74.4#

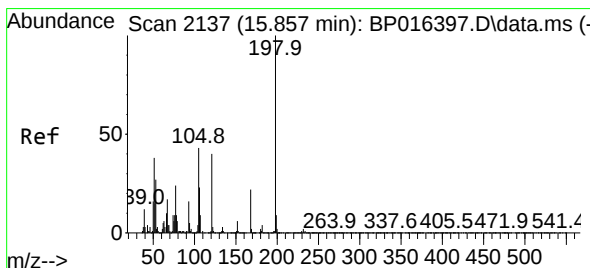
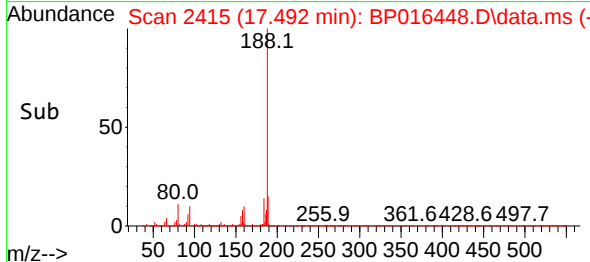
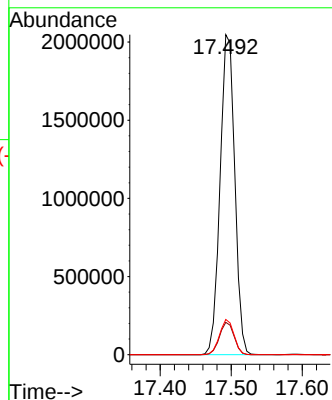
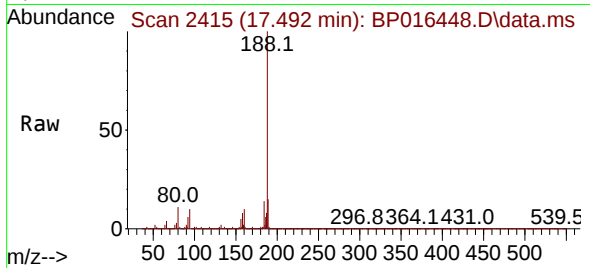




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

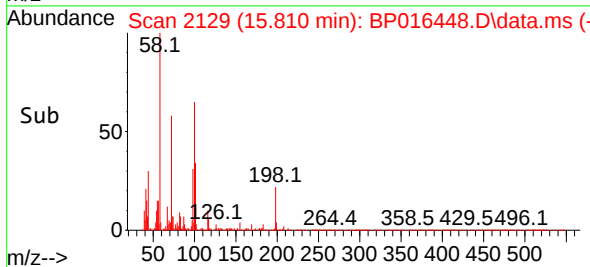
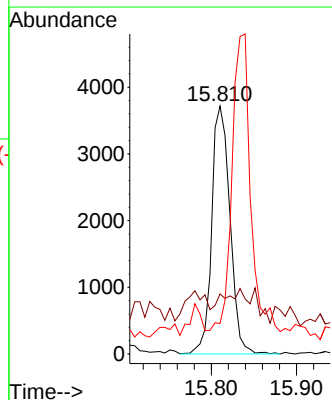
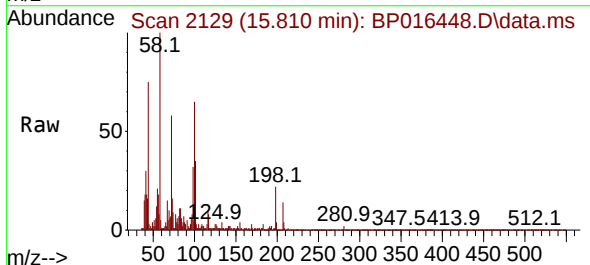
Instrument :
BNA_P
ClientSampleId :
MMC-COMP

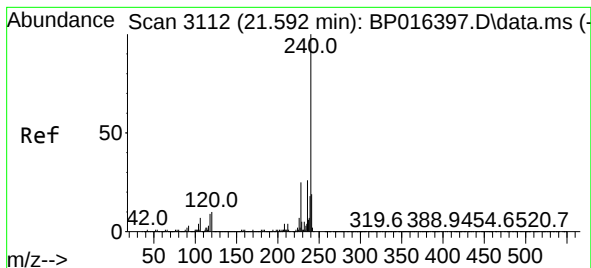
Tgt Ion:188 Resp: 2924860
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.0 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.651 ng
RT: 15.810 min Scan# 2129
Delta R.T. -0.047 min
Lab File: BP016448.D
Acq: 01 Aug 2023 10:31

Tgt Ion:198 Resp: 5518
Ion Ratio Lower Upper
198 100
51 24.2 20.1 60.1
105 12.3 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP016448.D

Acq: 01 Aug 2023 10:31

Instrument :

BNA_P

ClientSampleId :

MMC-COMP

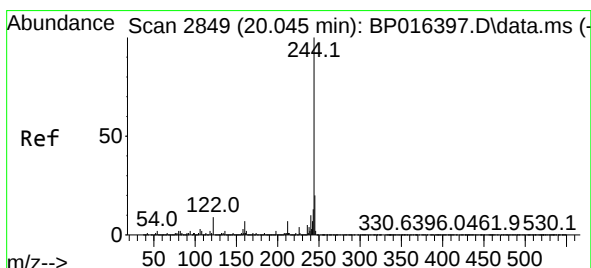
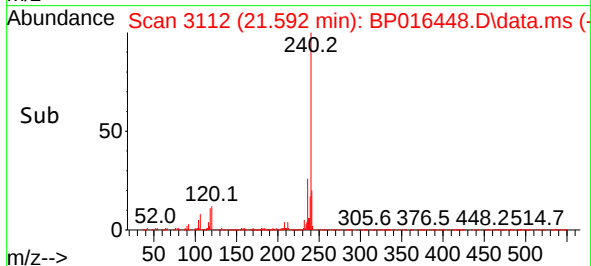
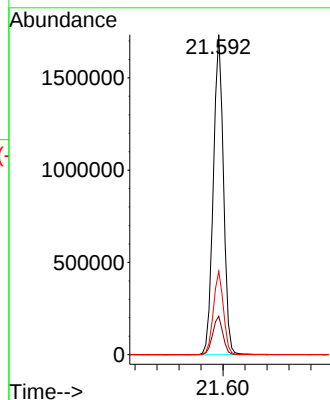
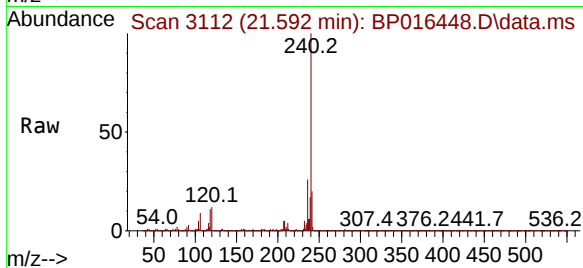
Tgt Ion:240 Resp: 2221543

Ion Ratio Lower Upper

240 100

120 12.1 7.9 11.9#

236 26.1 21.1 31.7



#79

Terphenyl-d14

Concen: 64.410 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016448.D

Acq: 01 Aug 2023 10:31

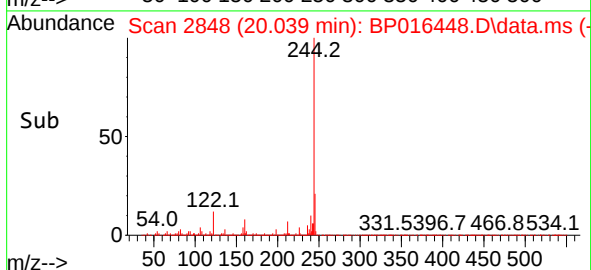
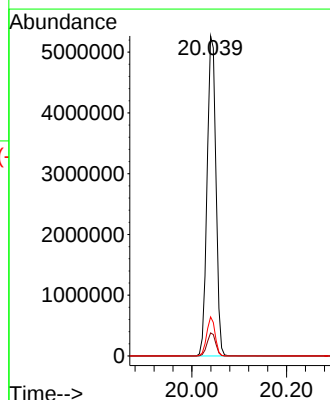
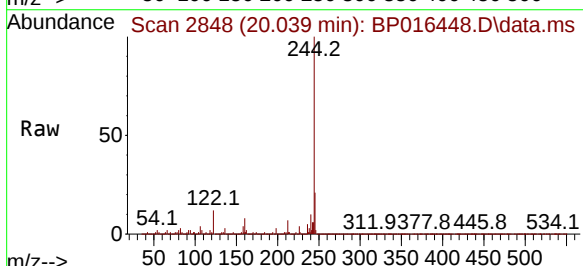
Tgt Ion:244 Resp: 6773702

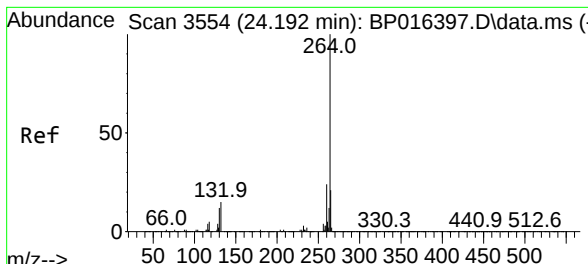
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 12.2 7.4 11.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.192 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP016448.D
 Acq: 01 Aug 2023 10:31

Instrument :
 BNA_P
 ClientSampleId :
 MMC-COMP

Tgt Ion:264 Resp: 2078282

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.4	17.4	26.0

