

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129374.D
 Acq On : 27 Jul 2022 13:40
 Operator : CG\JU
 Sample : N3861-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Quant Time: Jul 28 01:30:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

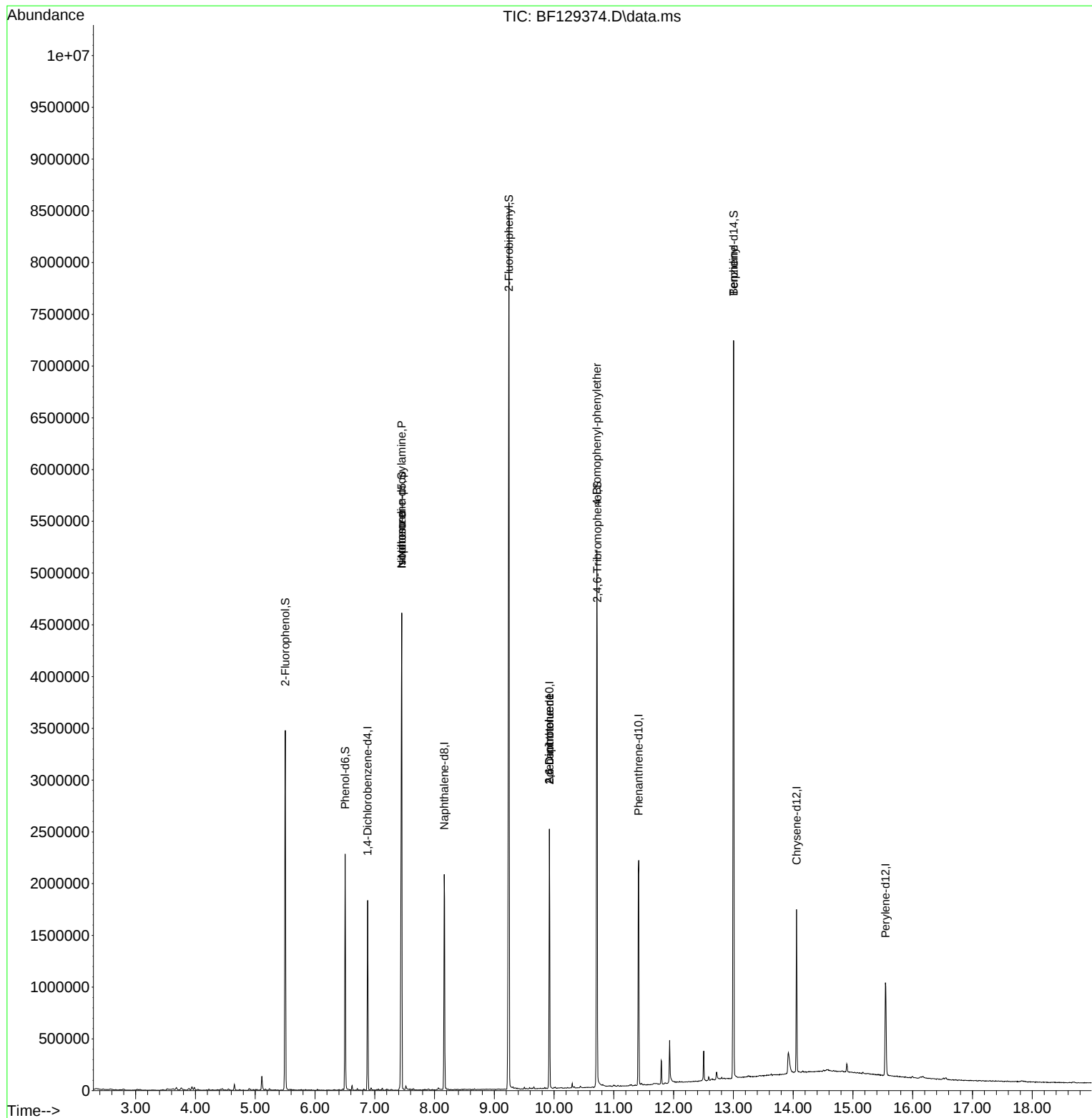
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	243428	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	971481	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	498746	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	795260	20.000	ng	0.00
76) Chrysene-d12	14.057	240	490936	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	427531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	896931	60.022	ng	0.00
7) Phenol-d6	6.504	99	698157	37.170	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1653914	92.935	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	673304	140.416	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2701028	83.777	ng	0.00
79) Terphenyl-d14	13.004	244	2520451	96.856	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	221829	19.508	ng	# 74
25) Isophorone	7.451	82	1650085	51.727	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	64016	8.307	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	64017	6.359	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	40873	4.694	ng	# 1
77) Benzidine	13.004	184	37487	2.161	ng	# 94

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

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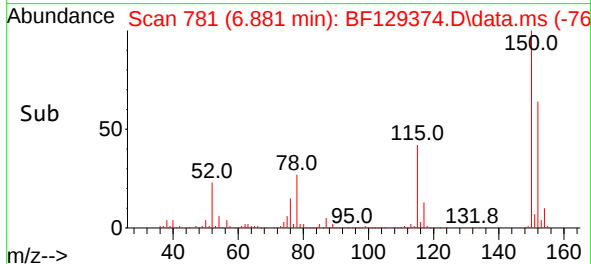
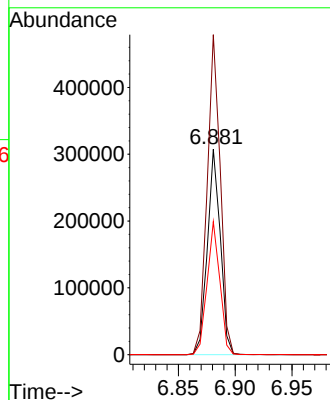
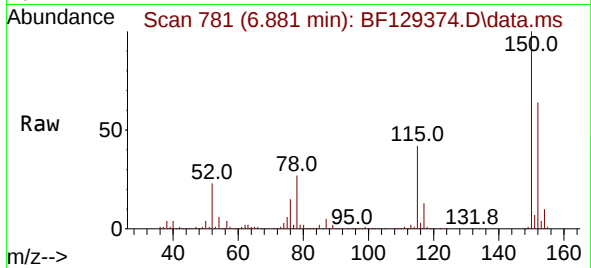




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129374.D
 Acq: 27 Jul 2022 13:40

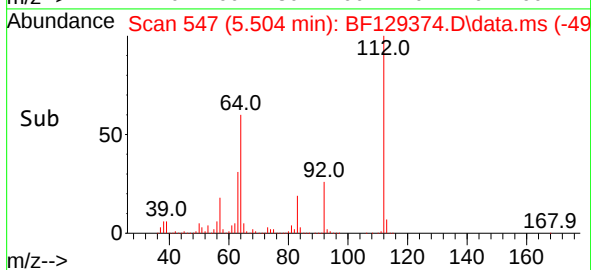
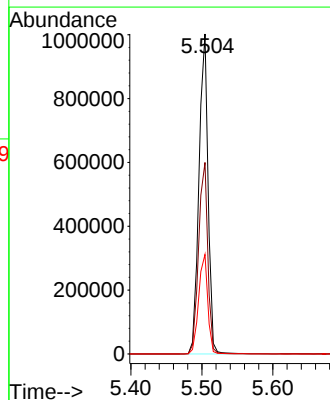
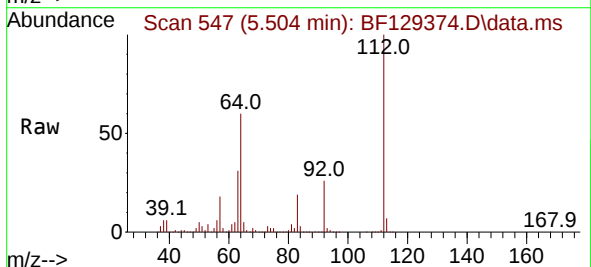
Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

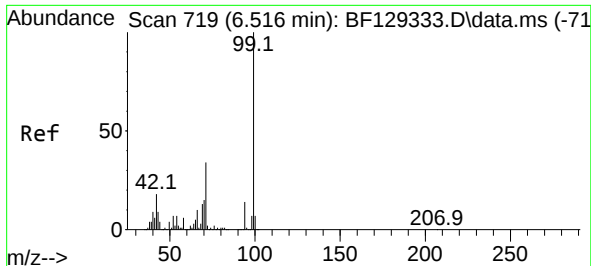
Tgt Ion:152 Resp: 243428
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 64.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 60.022 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF129374.D
 Acq: 27 Jul 2022 13:40

Tgt Ion:112 Resp: 896931
 Ion Ratio Lower Upper
 112 100
 64 59.8 53.3 79.9
 63 31.1 28.0 42.0

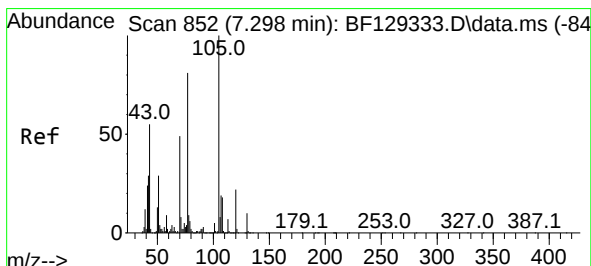
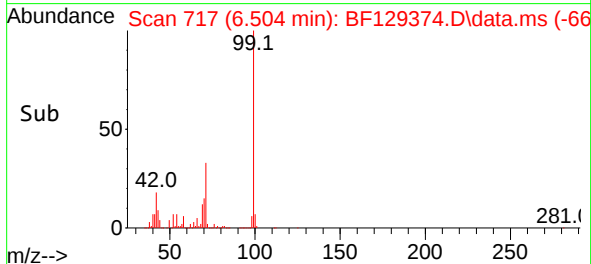
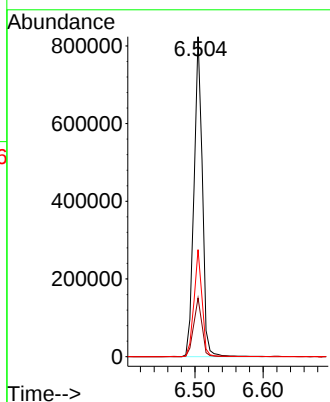
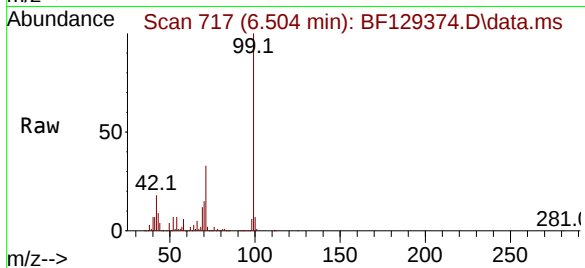




#7
Phenol-d6
Concen: 37.170 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

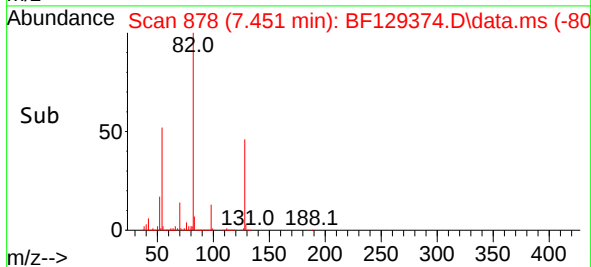
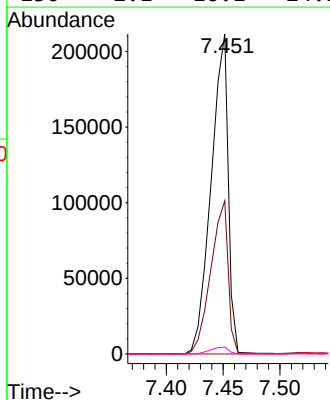
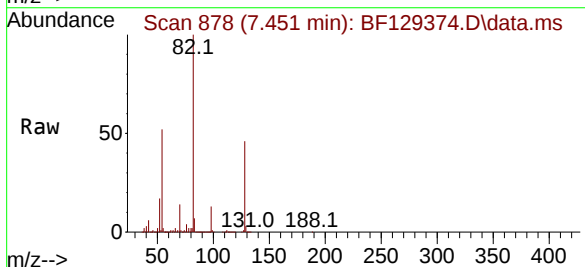
Instrument :
BNA_F
ClientSampleId :
MW-16R

Tgt Ion: 99 Resp: 698157
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 33.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.508 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

Tgt Ion: 70 Resp: 221829
Ion Ratio Lower Upper
70 100
42 47.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



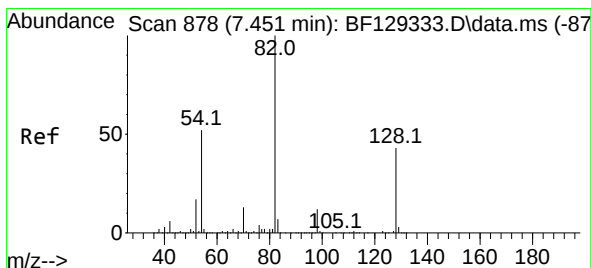
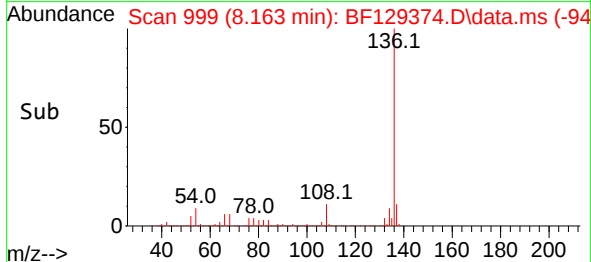
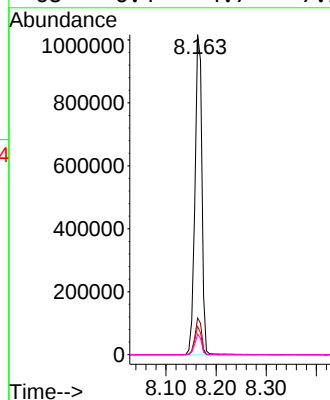
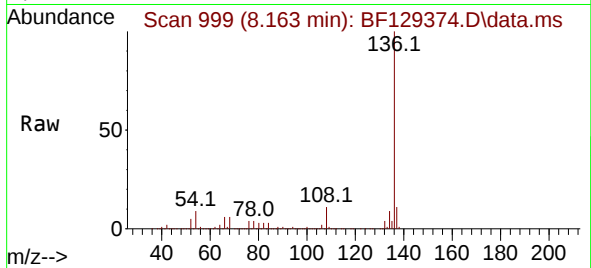


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

Instrument :
BNA_F
ClientSampleId :
MW-16R

Tgt Ion:136 Resp: 971481

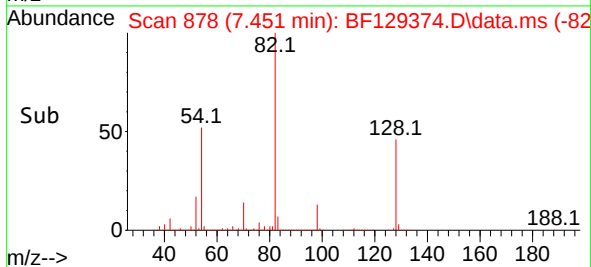
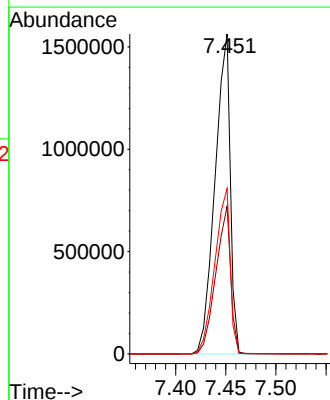
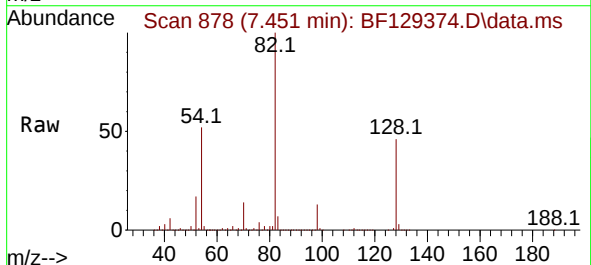
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.8	7.5	11.3
68	6.4	4.7	7.1

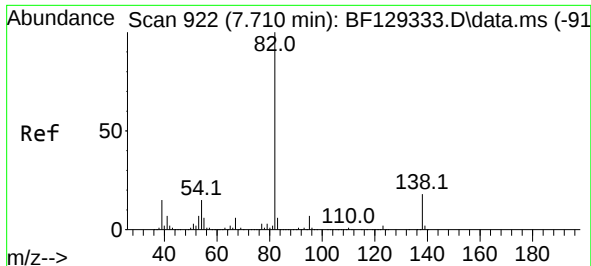


#23
Nitrobenzene-d5
Concen: 92.935 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

Tgt Ion: 82 Resp: 1653914

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	51.7	46.9	70.3

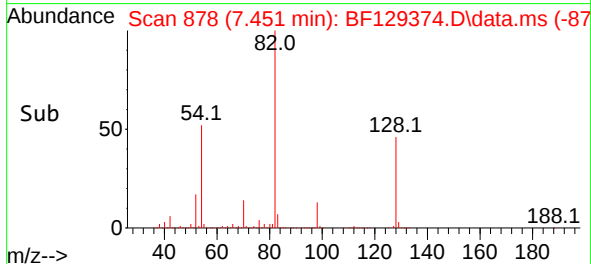
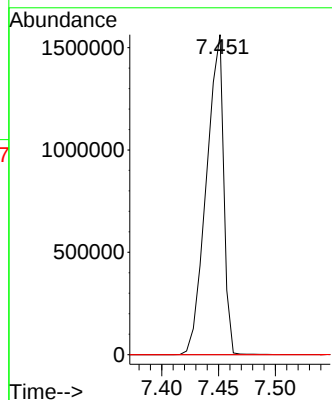
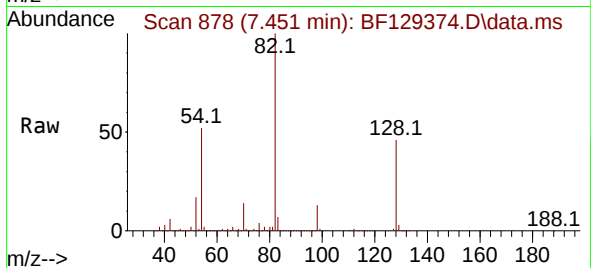




#25
Isophorone
Concen: 51.727 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

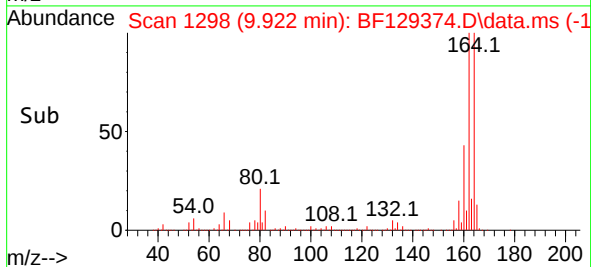
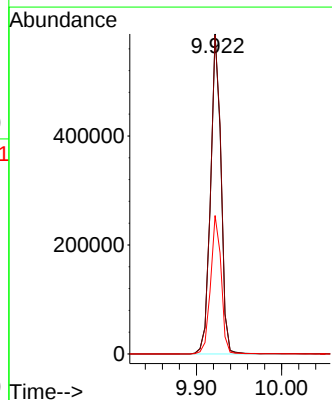
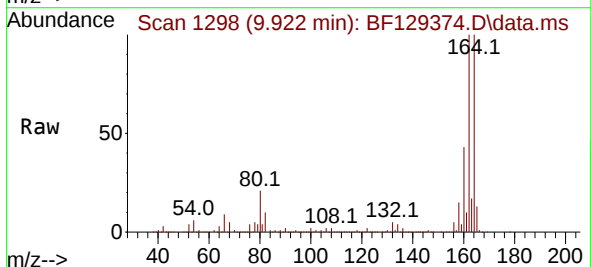
Instrument :
BNA_F
ClientSampleId :
MW-16R

Tgt Ion: 82 Resp: 1650085
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

Tgt Ion:164 Resp: 498746
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 43.2 34.2 51.4

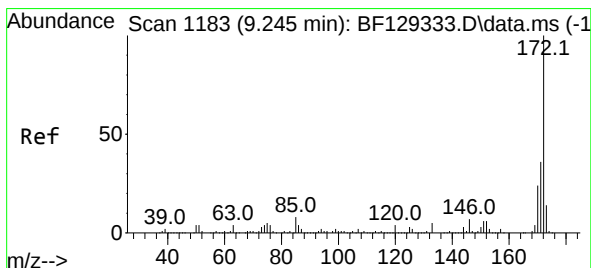
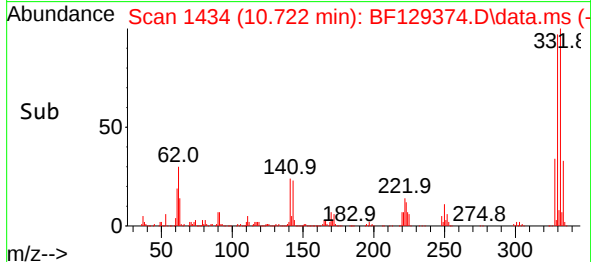
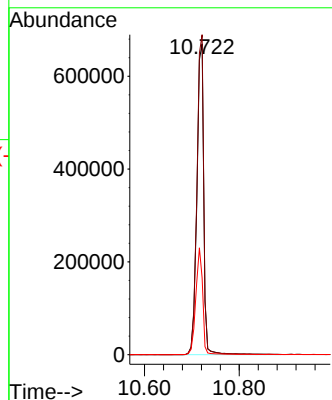
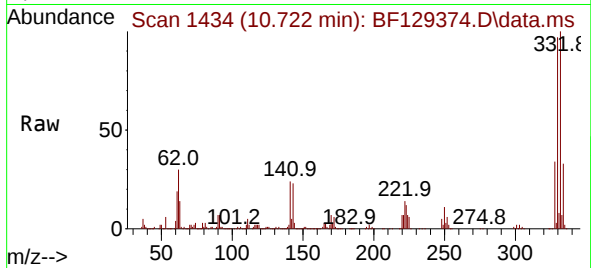




#42
2,4,6-Tribromophenol
Concen: 140.416 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

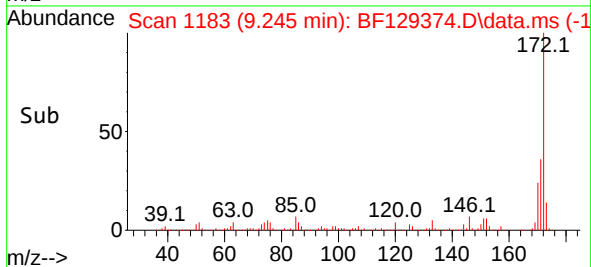
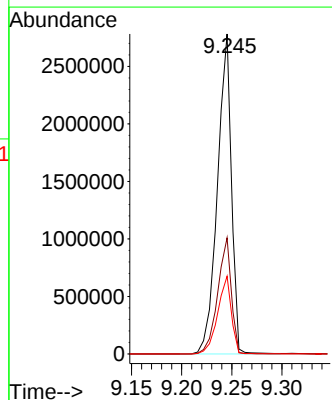
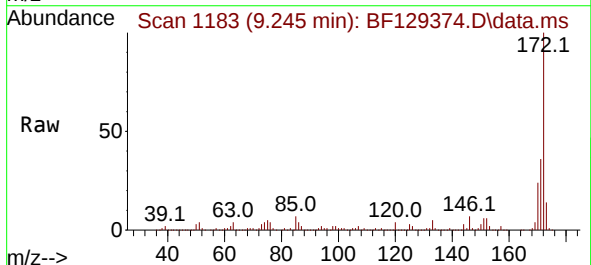
Instrument :
BNA_F
ClientSampleId :
MW-16R

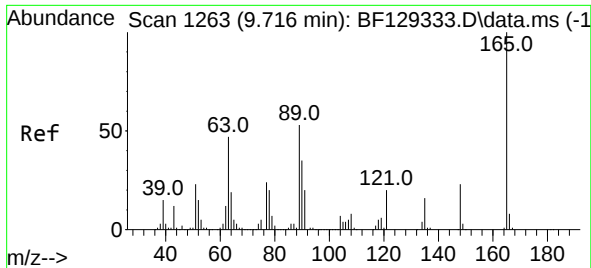
Tgt Ion: 330 Resp: 673304
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 34.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 83.777 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

Tgt Ion: 172 Resp: 2701028
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.3 19.8 29.8

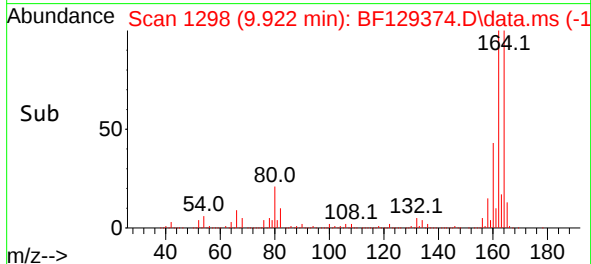
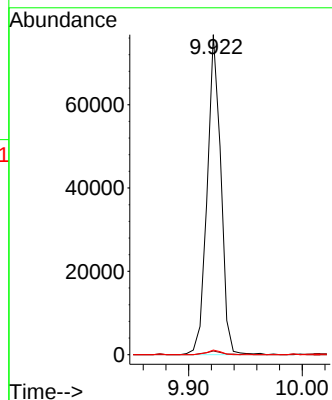
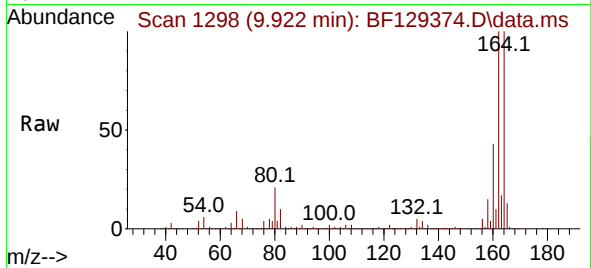




#51
2,6-Dinitrotoluene
Concen: 8.307 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

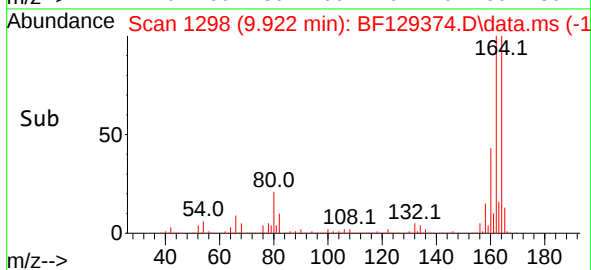
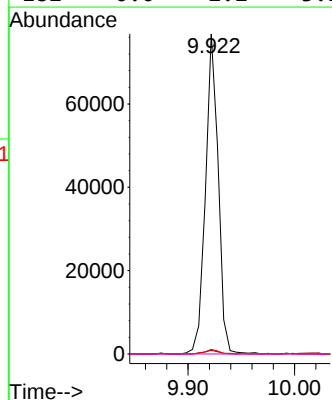
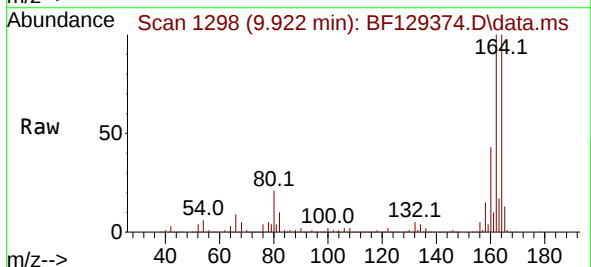
Instrument :
BNA_F
ClientSampleId :
MW-16R

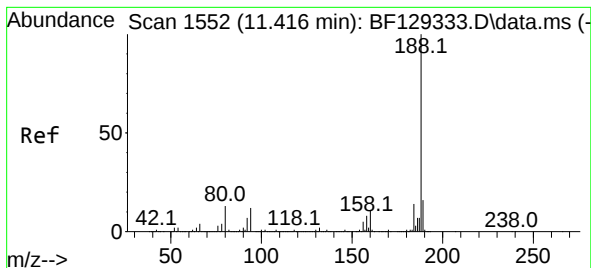
Tgt Ion:165 Resp: 64016
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.359 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

Tgt Ion:165 Resp: 64017
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129374.D

Acq: 27 Jul 2022 13:40

Instrument :

BNA_F

ClientSampleId :

MW-16R

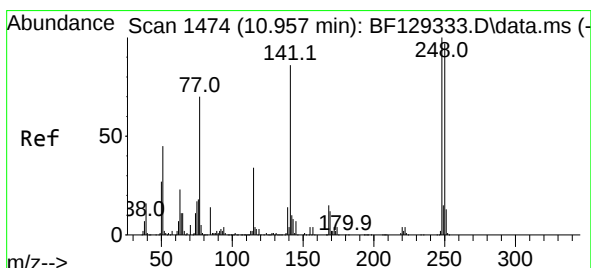
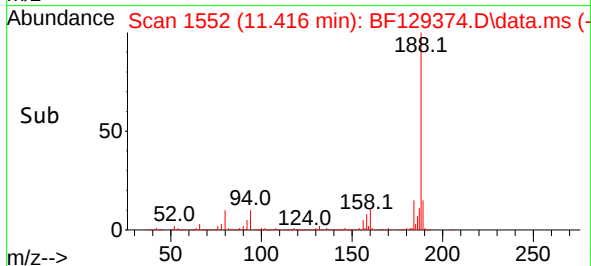
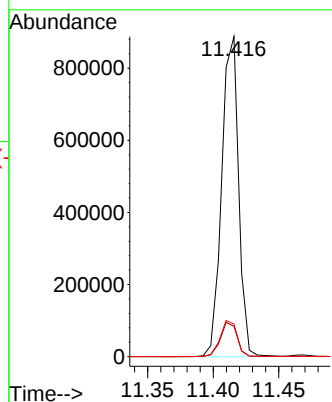
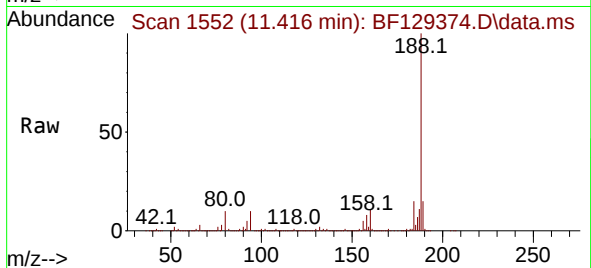
Tgt Ion:188 Resp: 795260

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.694 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129374.D

Acq: 27 Jul 2022 13:40

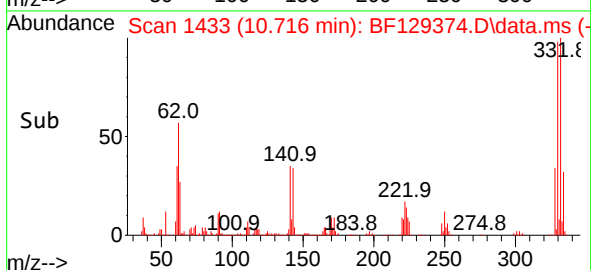
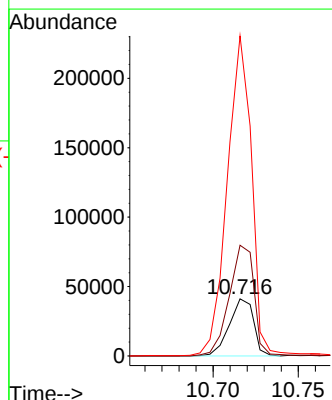
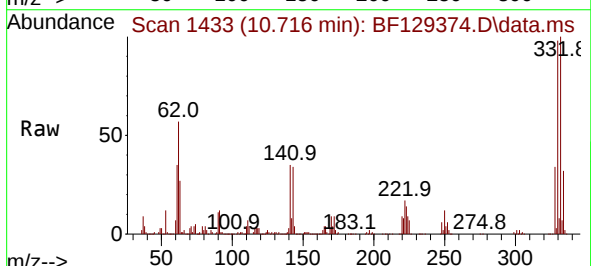
Tgt Ion:248 Resp: 40873

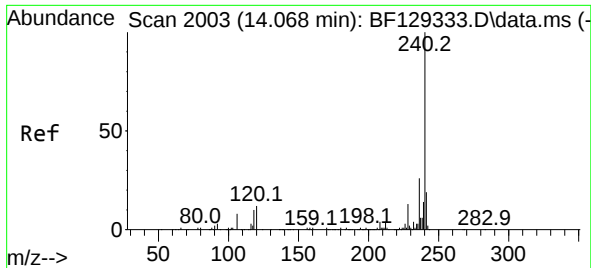
Ion Ratio Lower Upper

248 100

250 193.9 80.6 120.8#

141 560.1 58.9 88.3#

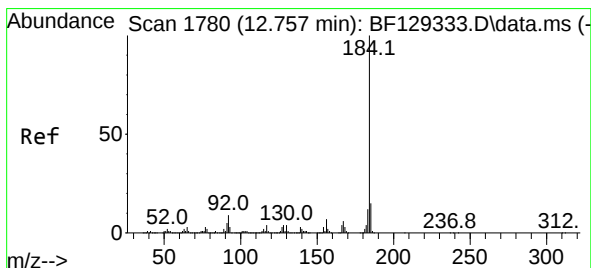
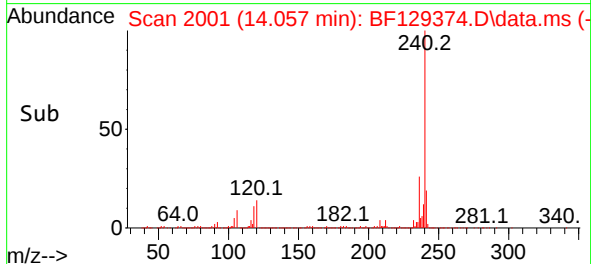
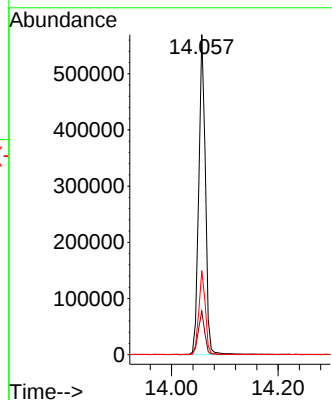
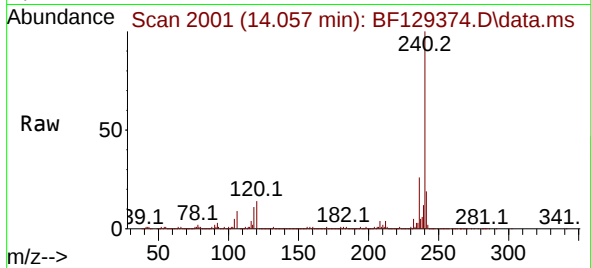




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

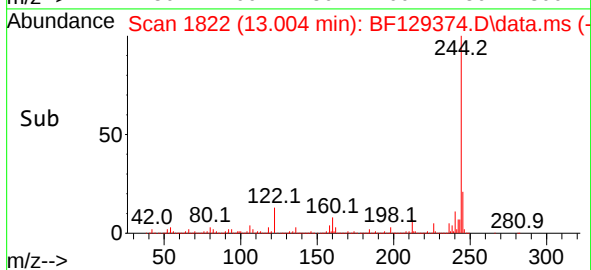
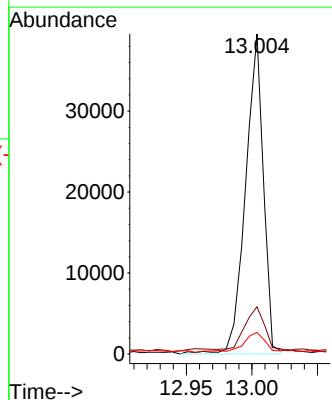
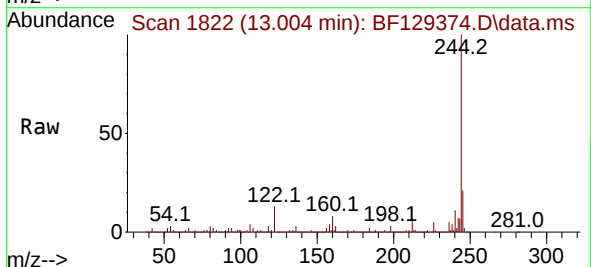
Instrument :
BNA_F
ClientSampleId :
MW-16R

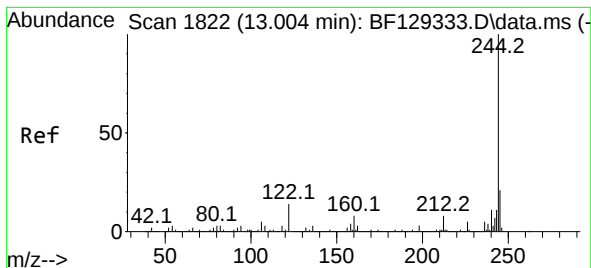
Tgt Ion:240 Resp: 490936
Ion Ratio Lower Upper
240 100
120 13.6 8.9 13.3#
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.161 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129374.D
Acq: 27 Jul 2022 13:40

Tgt Ion:184 Resp: 37487
Ion Ratio Lower Upper
184 100
185 14.8 11.9 17.9
183 6.7 9.3 13.9#





#79

Terphenyl-d14

Concen: 96.856 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF129374.D

Acq: 27 Jul 2022 13:40

Instrument :

BNA_F

ClientSampleId :

MW-16R

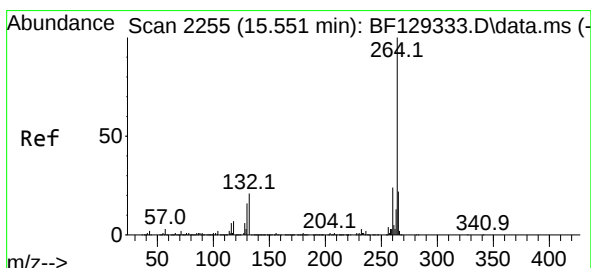
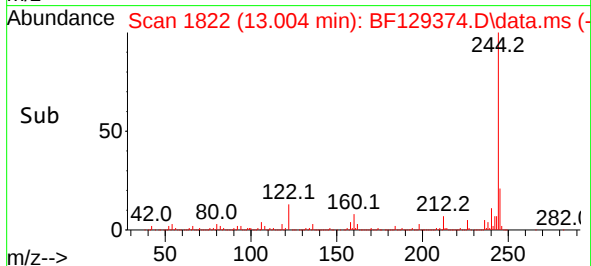
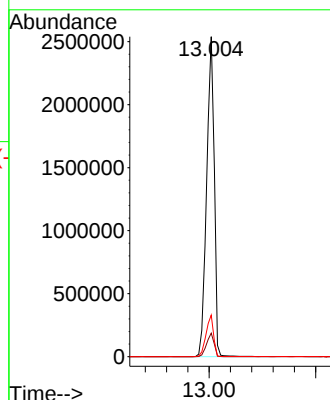
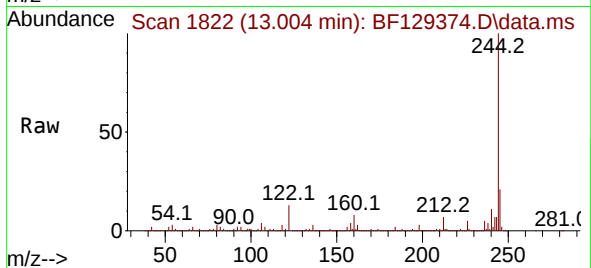
Tgt Ion:244 Resp: 2520451

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 13.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF129374.D

Acq: 27 Jul 2022 13:40

Tgt Ion:264 Resp: 427531

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.8 17.2 25.8

