

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128430.D
 Acq On : 24 May 2022 12:45
 Operator : CG\JU
 Sample : PB145019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145019BL

Quant Time: May 25 03:54:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

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

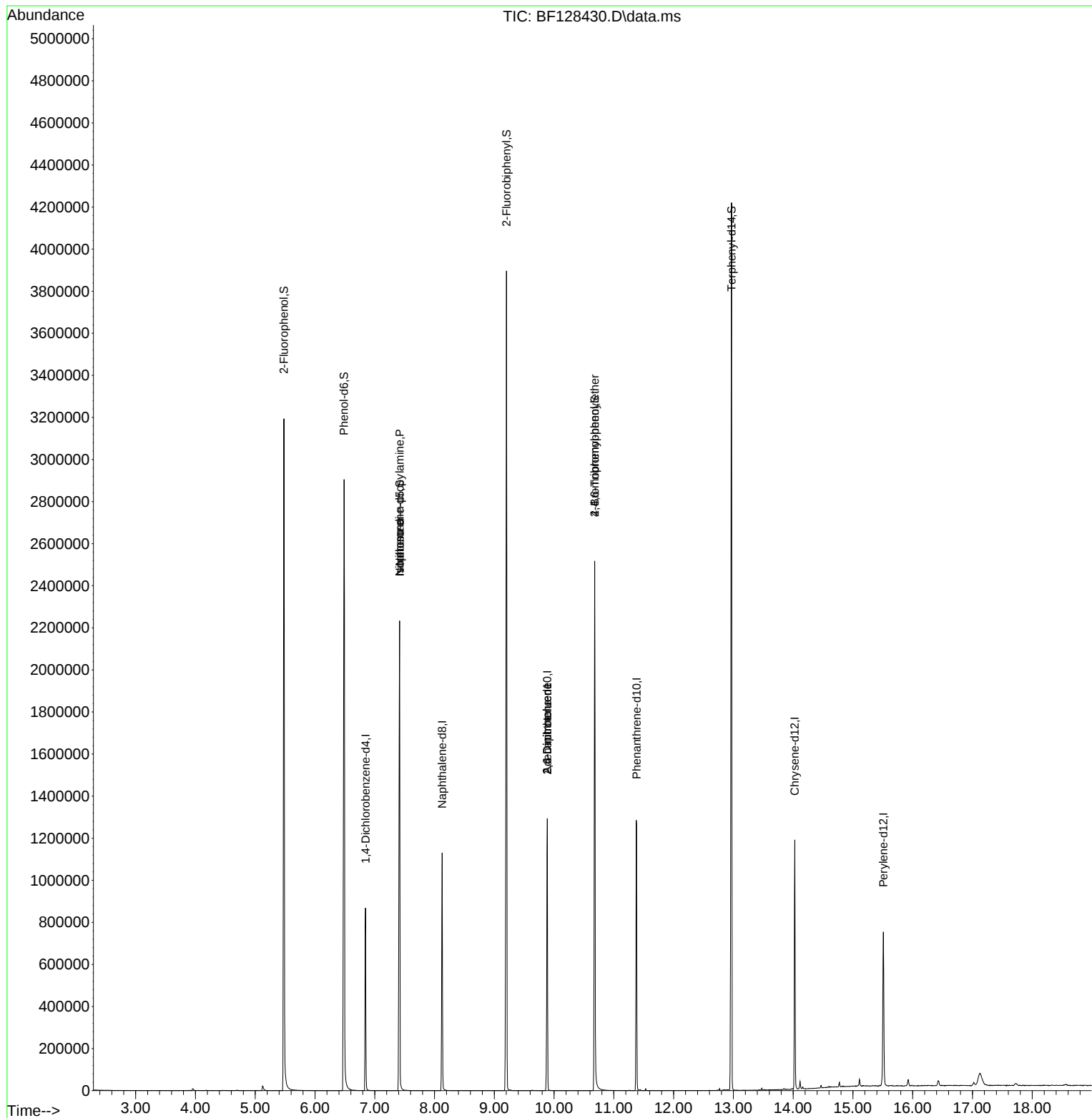
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	127452	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	500229	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	282695	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	514358	20.000	ng	0.00
76) Chrysene-d12	14.027	240	401265	20.000	ng	0.00
86) Perylene-d12	15.509	264	328131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	906887	113.234	ng	0.01
7) Phenol-d6	6.486	99	1183564	112.228	ng	0.00
23) Nitrobenzene-d5	7.416	82	846105	75.785	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	324887	111.437	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1327053	76.767	ng	0.00
79) Terphenyl-d14	12.968	244	1563708	75.227	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1984	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.416	70	115006	18.234	ng	# 78
25) Isophorone	7.416	82	842931	49.267	ng	# 68
51) 2,6-Dinitrotoluene	9.886	165	36584	9.289	ng	# 21
57) 2,4-Dinitrotoluene	9.886	165	36584	7.373	ng	# 26
67) 4-Bromophenyl-phenylether	10.680	248	20048	3.724	ng	# 1

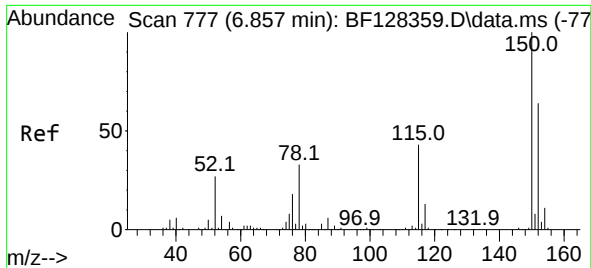
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
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ALS Vial : 3 Sample Multiplier: 1

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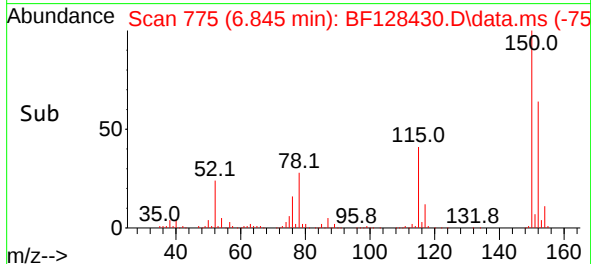
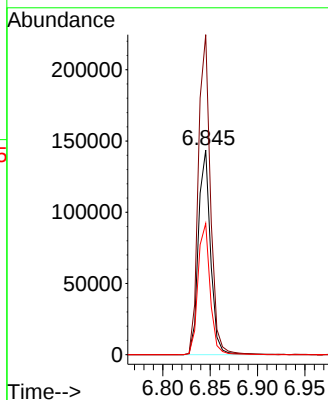
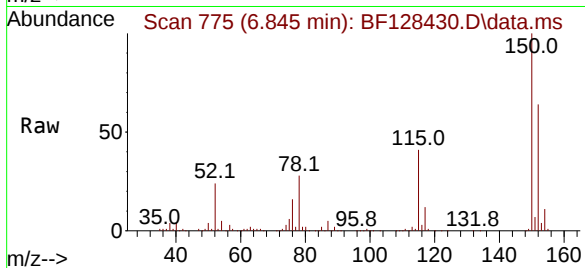




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

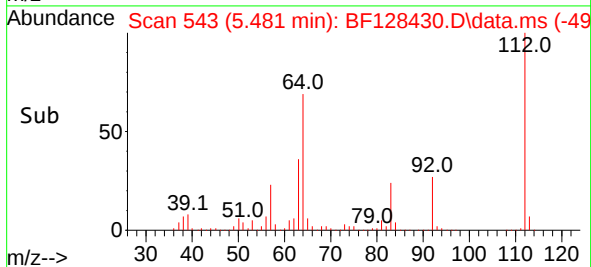
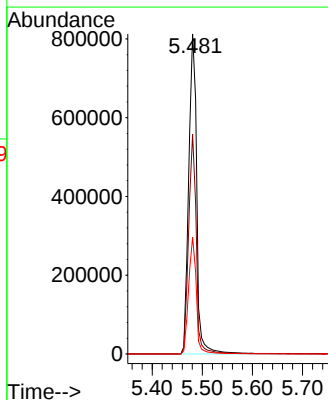
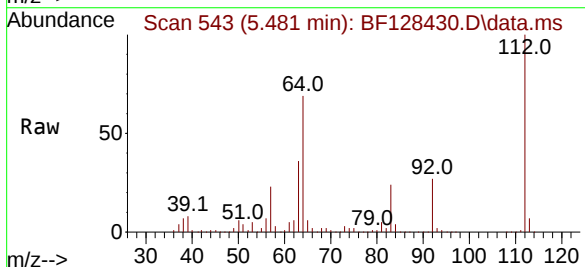
Instrument :
BNA_F
ClientSampleId :
PB145019BL

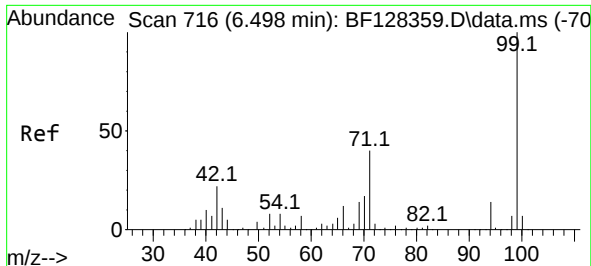
Tgt Ion:152 Resp: 127452
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 64.1 48.8 73.2



#5
2-Fluorophenol
Concen: 113.234 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

Tgt Ion:112 Resp: 906887
Ion Ratio Lower Upper
112 100
64 68.7 49.5 74.3
63 36.5 26.3 39.5

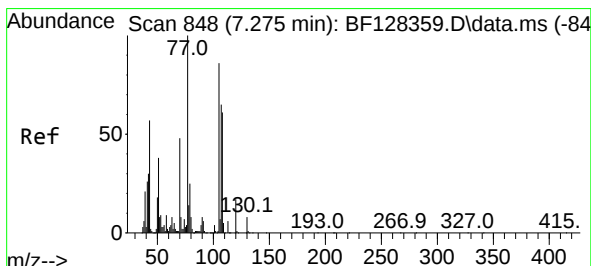
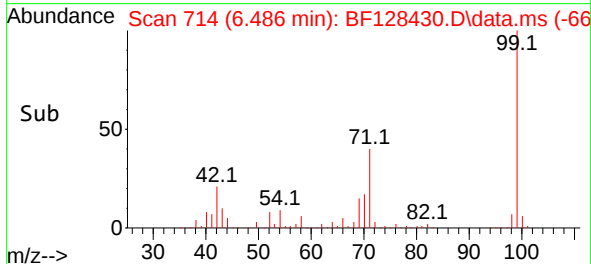
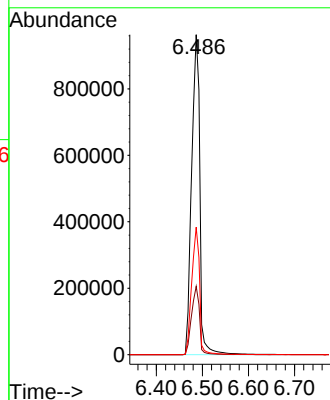
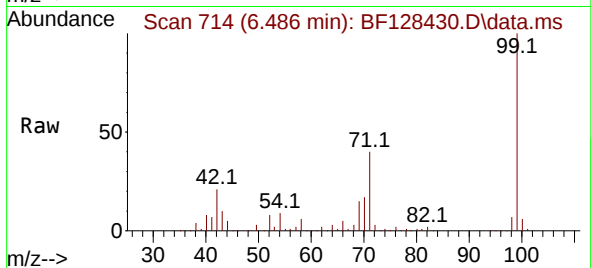




#7
Phenol-d6
Concen: 112.228 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

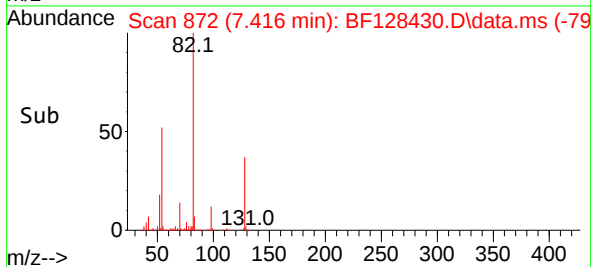
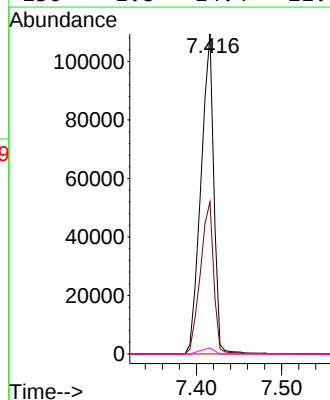
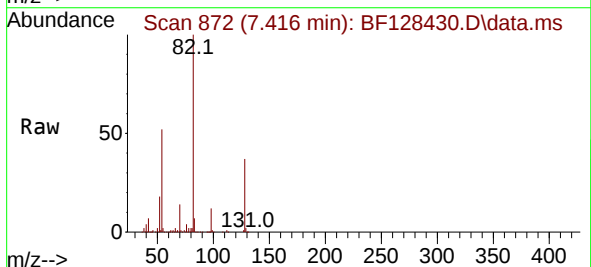
Instrument :
BNA_F
ClientSampleId :
PB145019BL

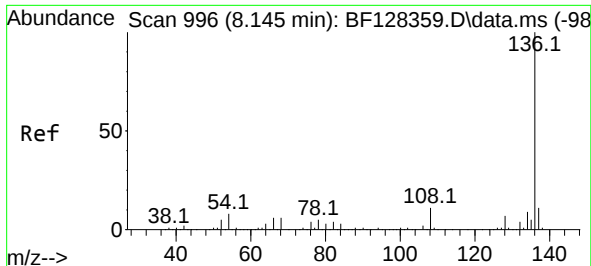
Tgt Ion: 99 Resp: 1183564
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.234 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

Tgt Ion: 70 Resp: 115006
Ion Ratio Lower Upper
70 100
42 47.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

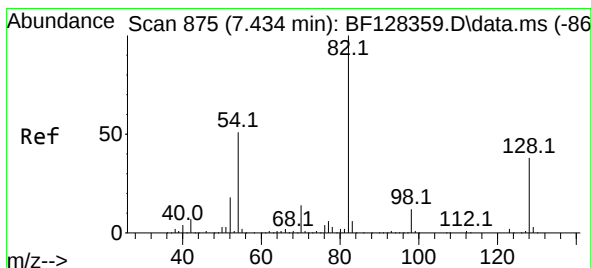
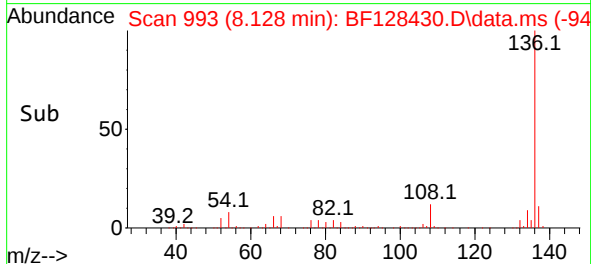
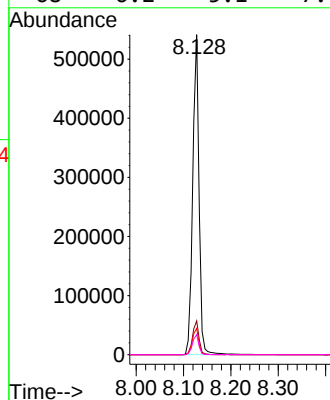
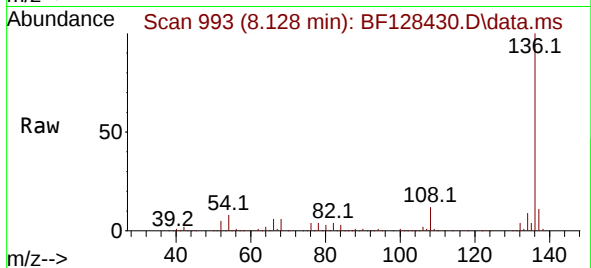




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

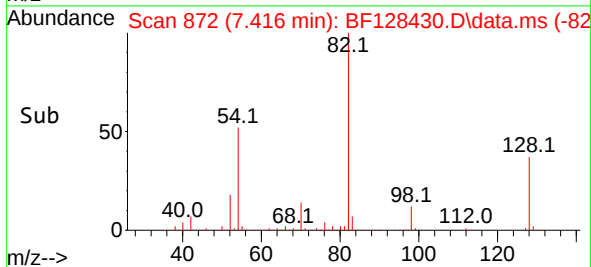
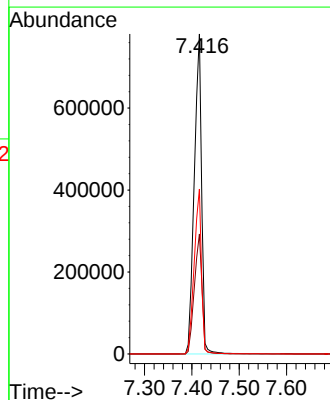
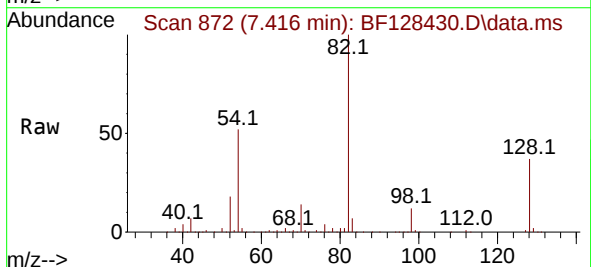
Instrument :
BNA_F
ClientSampleId :
PB145019BL

Tgt Ion:136 Resp: 500229
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 6.8 10.2
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 75.785 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

Tgt Ion: 82 Resp: 846105
Ion Ratio Lower Upper
82 100
128 37.5 30.0 45.0
54 51.5 41.3 61.9

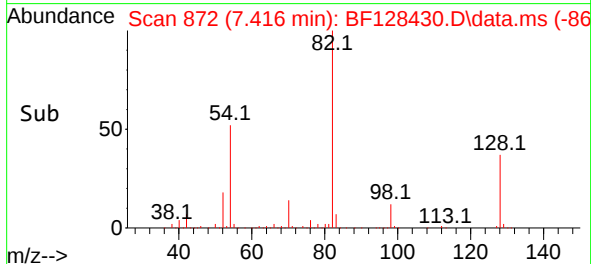
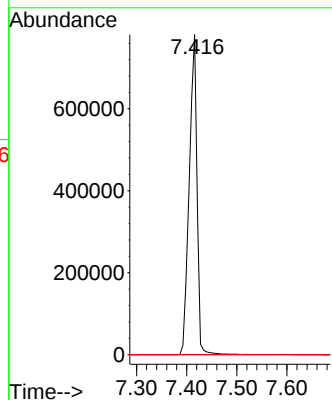
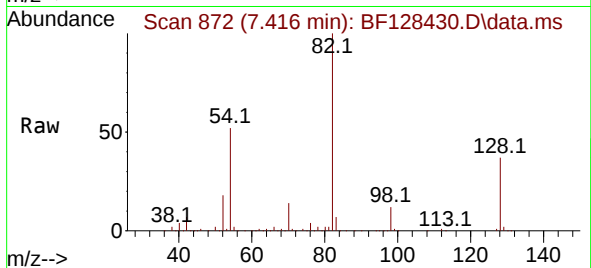




#25
Isophorone
Concen: 49.267 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

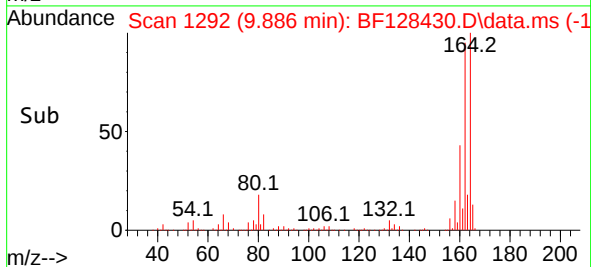
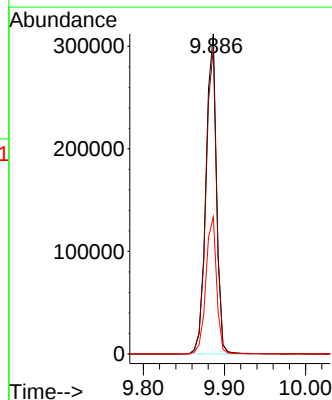
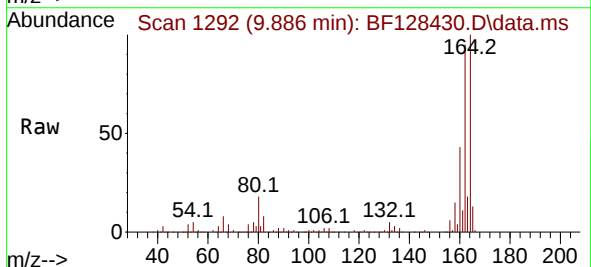
Instrument :
BNA_F
ClientSampleId :
PB145019BL

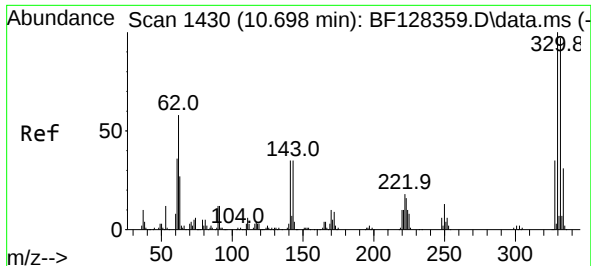
Tgt Ion: 82 Resp: 842931
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

Tgt Ion:164 Resp: 282695
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 42.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 111.437 ng

RT: 10.680 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128430.D

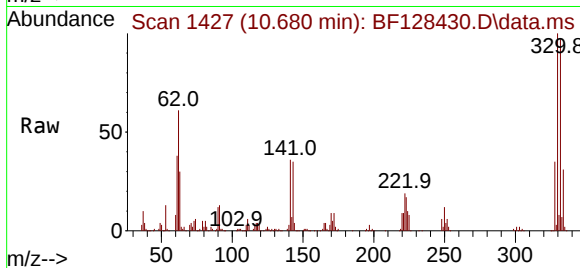
Acq: 24 May 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB145019BL



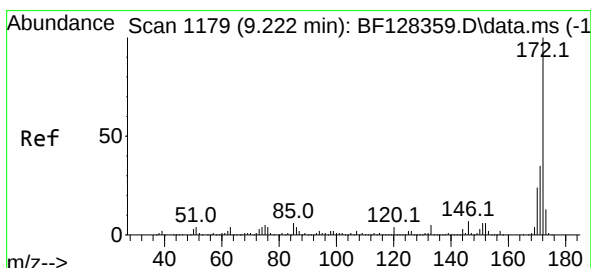
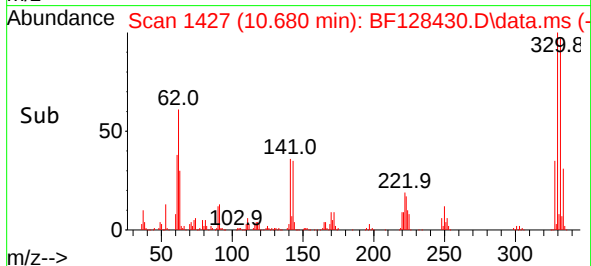
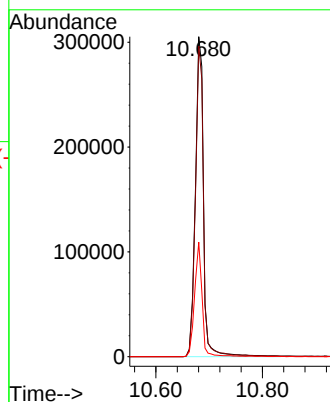
Tgt Ion:330 Resp: 324887

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 32.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 76.767 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128430.D

Acq: 24 May 2022 12:45

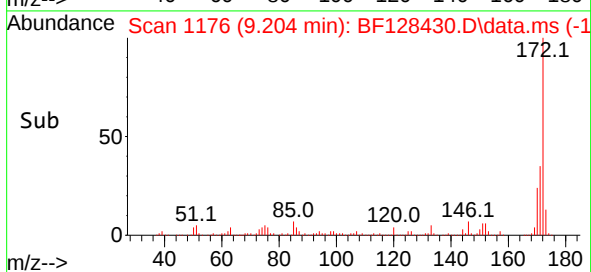
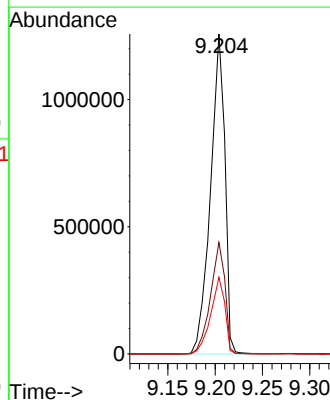
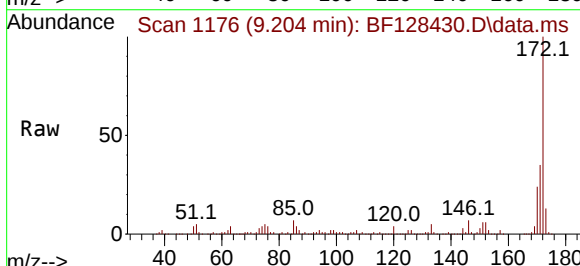
Tgt Ion:172 Resp: 1327053

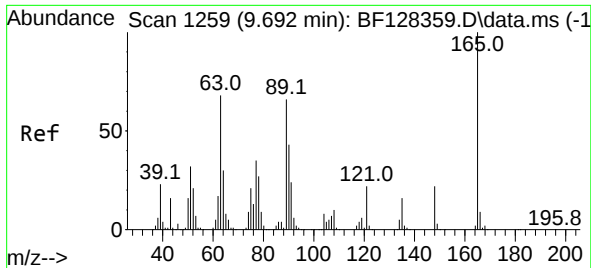
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 24.0 19.1 28.7

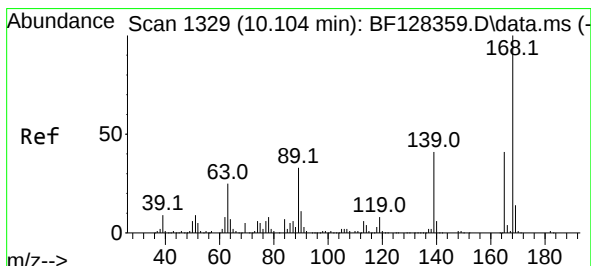
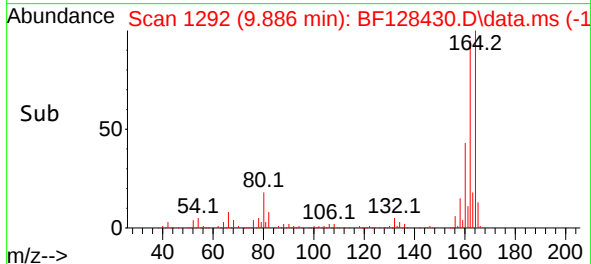
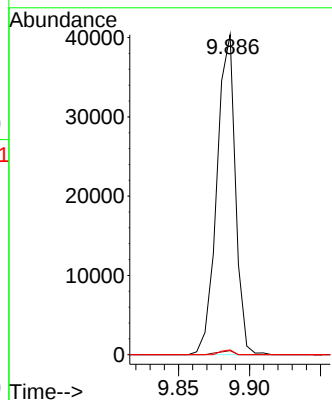
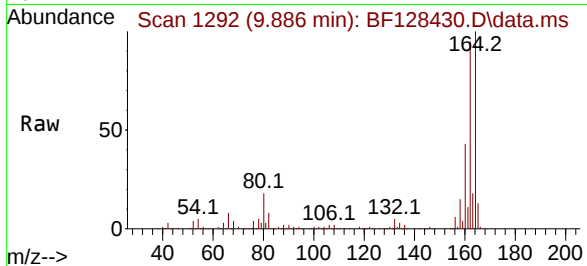




#51
2,6-Dinitrotoluene
Concen: 9.289 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

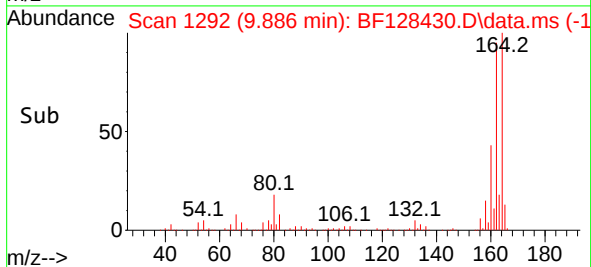
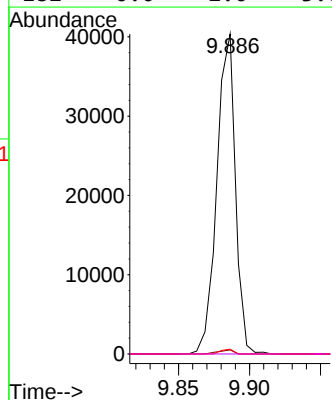
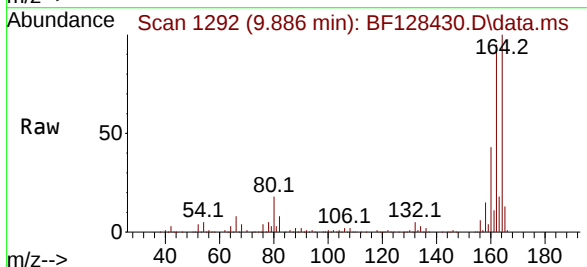
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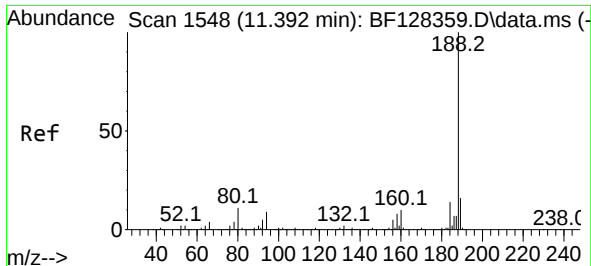
Tgt Ion:165 Resp: 36584
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.373 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.206 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

Tgt Ion:165 Resp: 36584
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

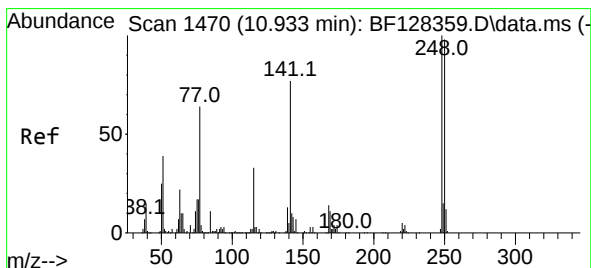
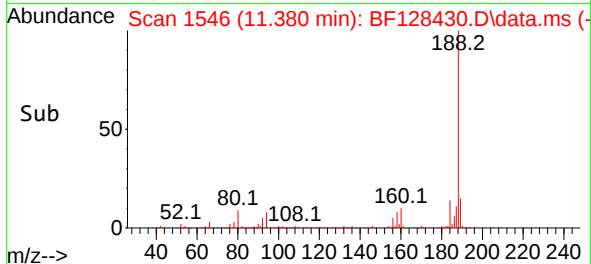
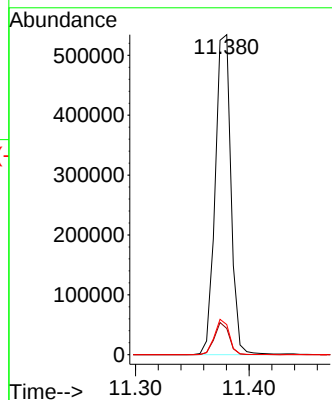
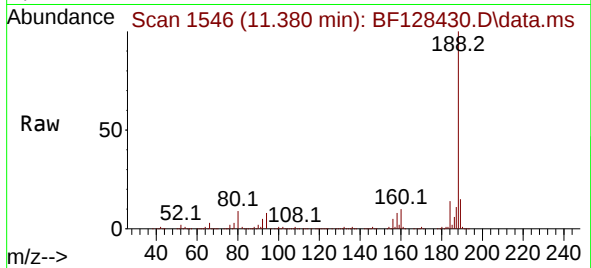




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11380
Delta R.T. -0.000 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

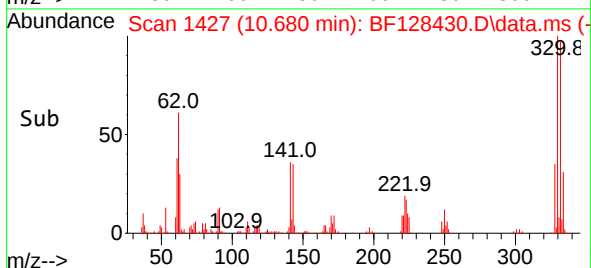
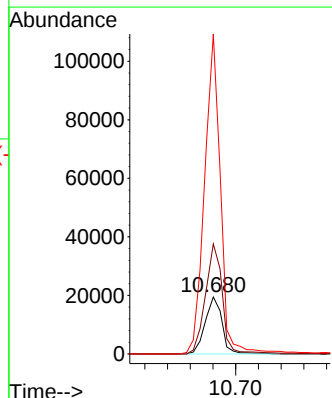
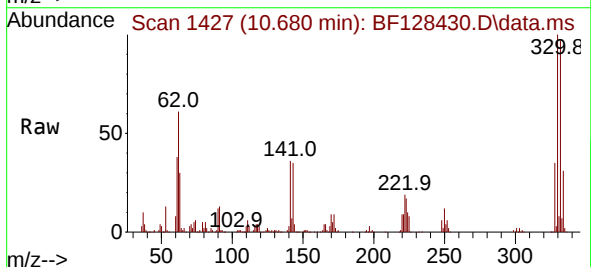
Instrument :
BNA_F
ClientSampleId :
PB145019BL

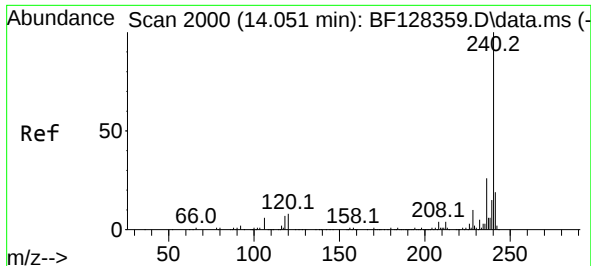
Tgt Ion:188 Resp: 514358
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.724 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.235 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

Tgt Ion:248 Resp: 20048
Ion Ratio Lower Upper
248 100
250 193.3 77.7 116.5#
141 561.5 65.6 98.4#

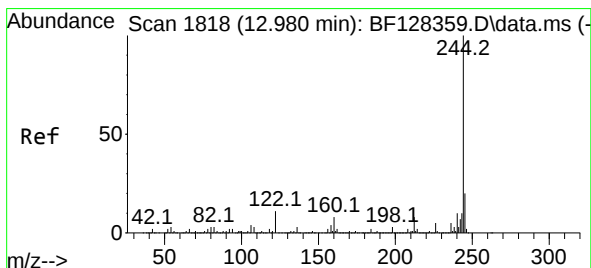
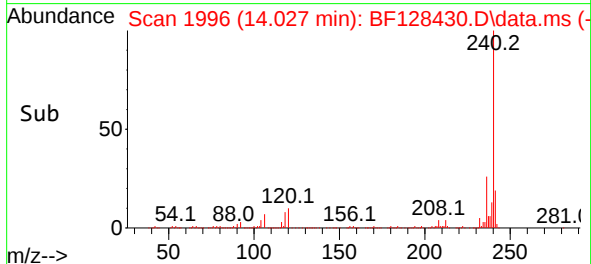
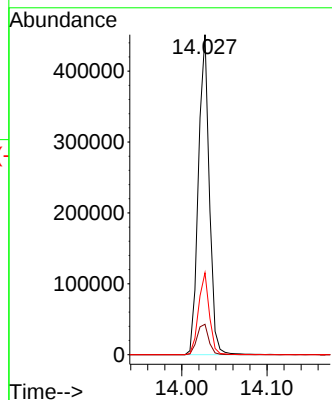
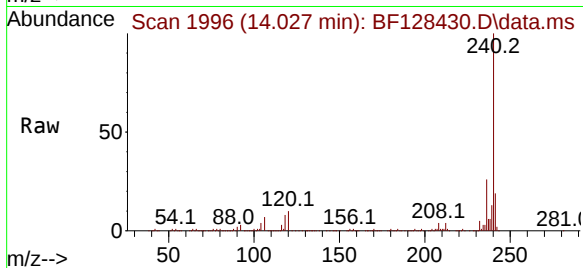




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

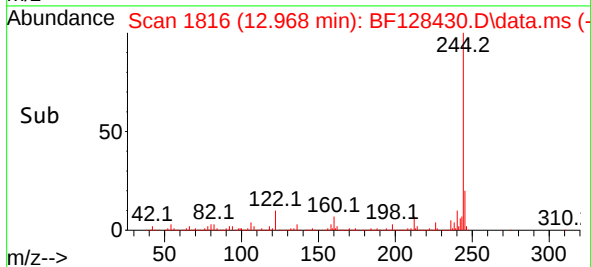
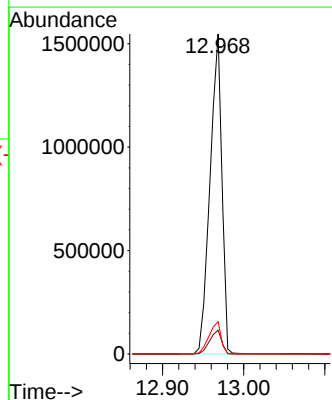
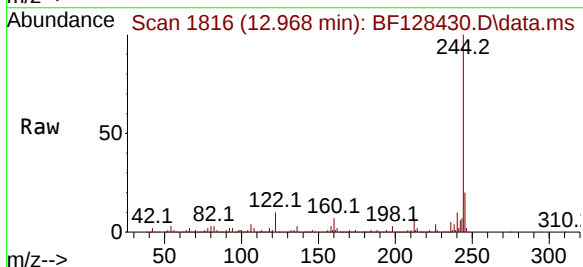
Instrument :
BNA_F
ClientSampleId :
PB145019BL

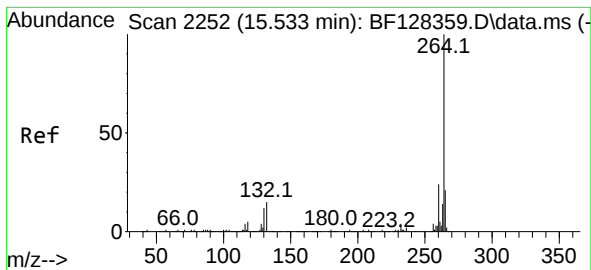
Tgt Ion:240 Resp: 401265
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 75.227 ng
RT: 12.968 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF128430.D
Acq: 24 May 2022 12:45

Tgt Ion:244 Resp: 1563708
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 10.1 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128430.D

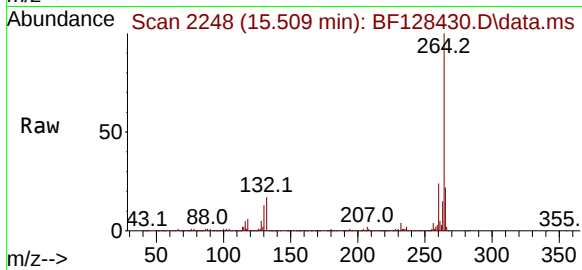
Acq: 24 May 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB145019BL



Tgt Ion:264 Resp: 328131

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 22.0 17.5 26.3

