

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129395.D
 Acq On : 28 Jul 2022 01:27
 Operator : CG\JU
 Sample : N3887-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Jul 28 03:01:42 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)

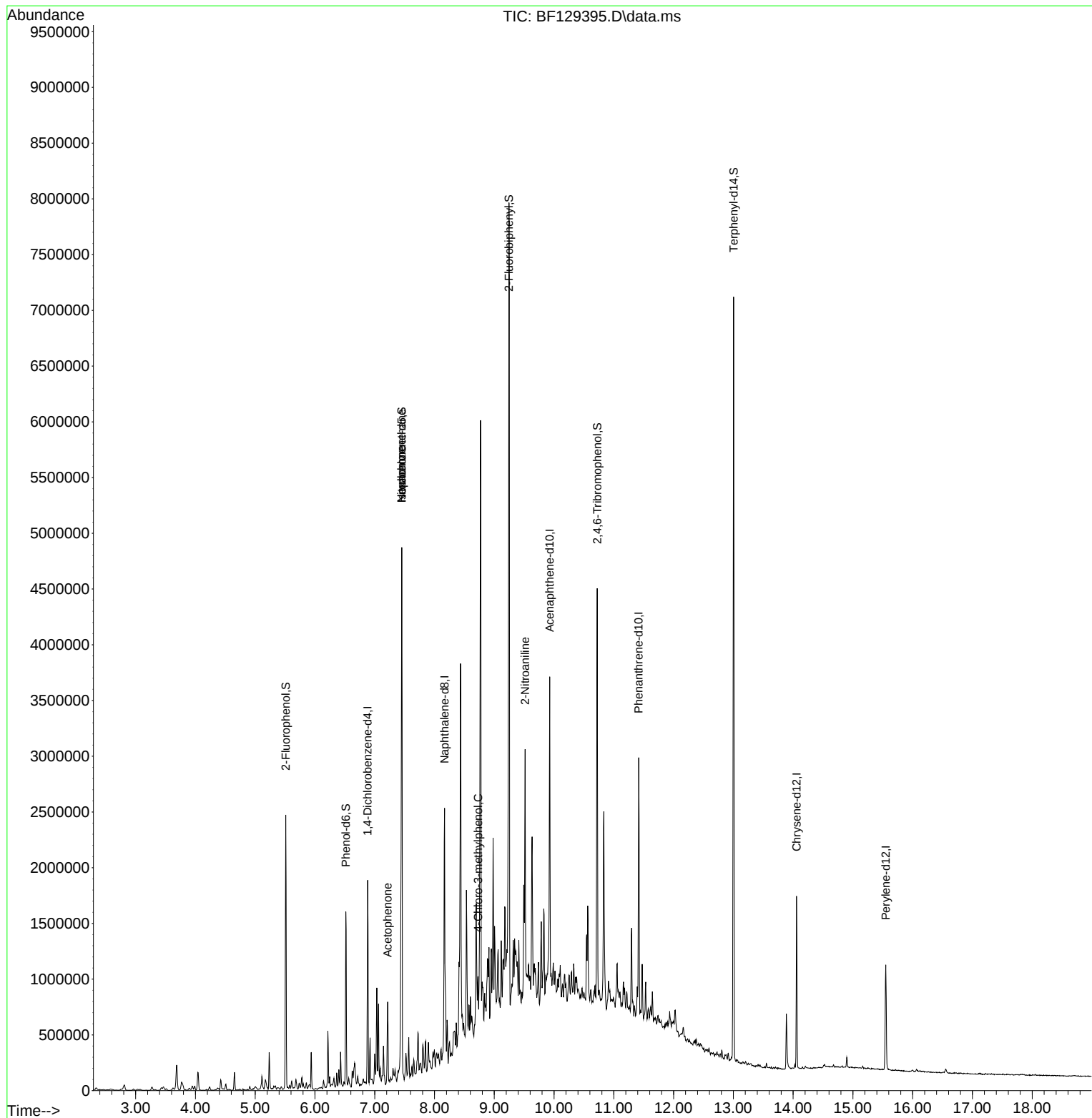
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	245092	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	977279	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	504786	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	792824	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	492474	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	423324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	626037	41.609	ng	0.01
7) Phenol-d6	6.516	99	520685	27.533	ng	0.00
23) Nitrobenzene-d5	7.451	82	1638605	91.529	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	423494	87.262	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2650217	81.218	ng	0.00
79) Terphenyl-d14	13.004	244	2440982	93.510	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.451	117	176510	26.146	ng	# 9
22) Acetophenone	7.216	105	86149	3.786	ng	# 70
25) Isophorone	7.451	82	1623894	50.604	ng	# 66
36) 4-Chloro-3-methylphenol	8.728	107	52372	3.507	ng	# 25
48) 2-Nitroaniline	9.516	65	51982	5.249	ng	# 29

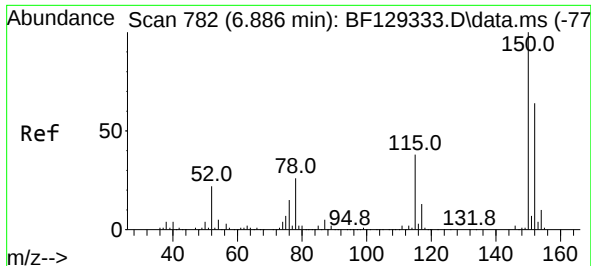
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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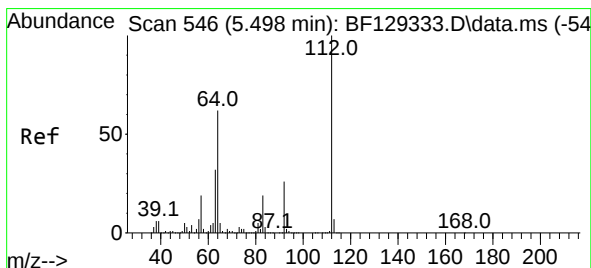
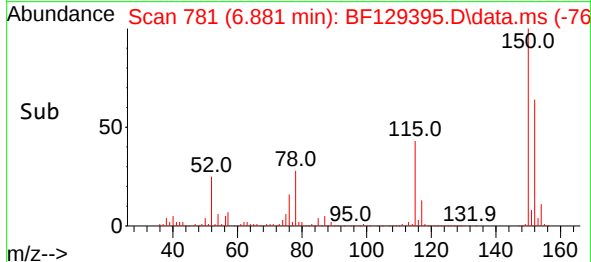
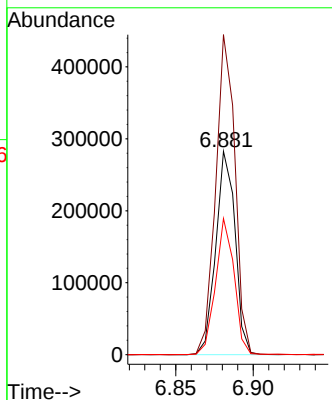
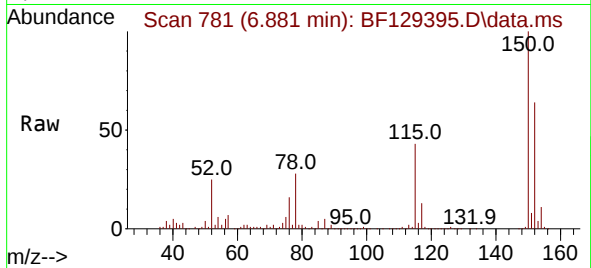




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

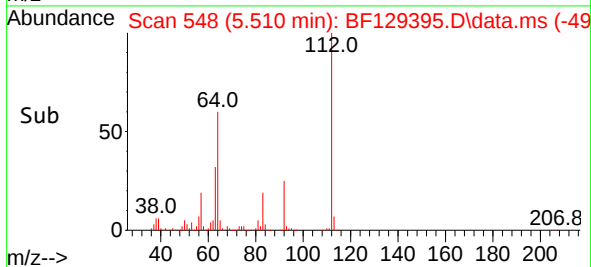
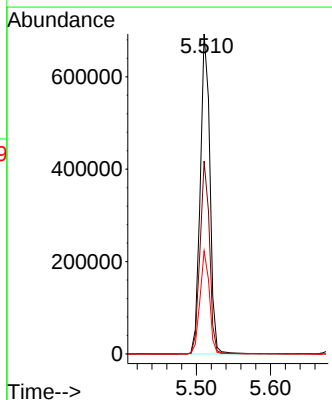
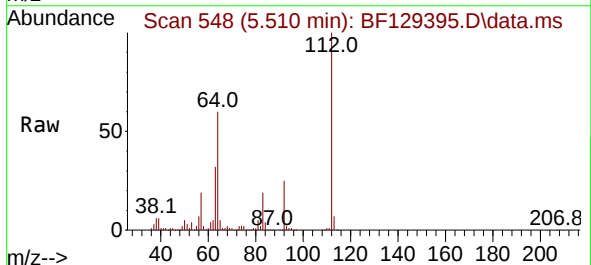
Instrument :
BNA_F
ClientSampleId :
MW-12

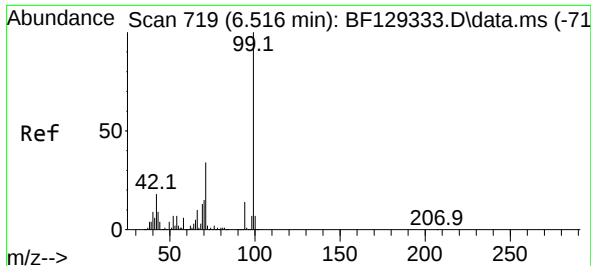
Tgt Ion:152 Resp: 245092
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 67.0 49.9 74.9



#5
2-Fluorophenol
Concen: 41.609 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

Tgt Ion:112 Resp: 626037
Ion Ratio Lower Upper
112 100
64 60.3 53.3 79.9
63 32.2 28.0 42.0





#7
Phenol-d6
Concen: 27.533 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

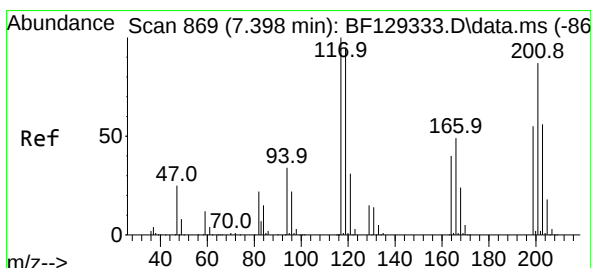
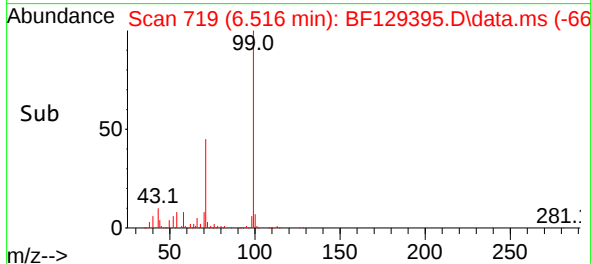
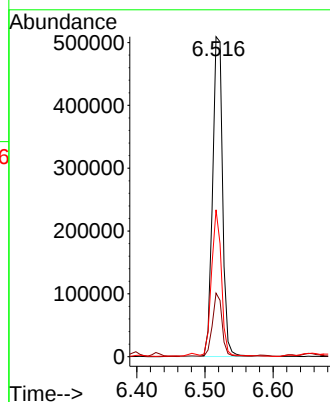
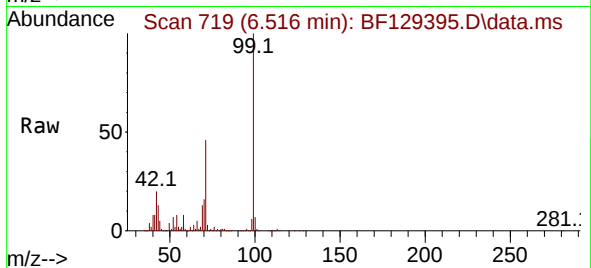
Instrument :

BNA_F

ClientSampleId :

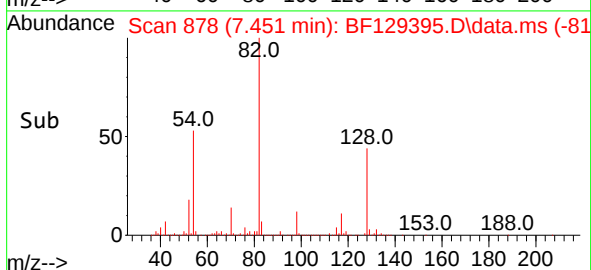
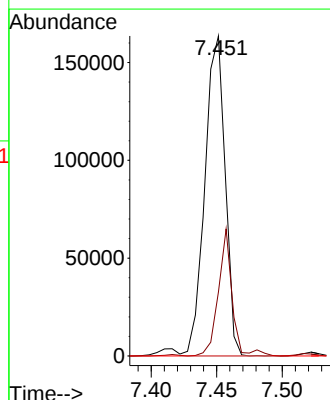
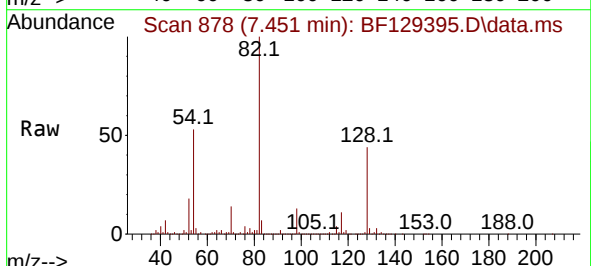
MW-12

Tgt Ion: 99 Resp: 520685
Ion Ratio Lower Upper
99 100
42 19.8 17.3 25.9
71 45.9 28.9 43.3#



#18
Hexachloroethane
Concen: 26.146 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.053 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

Tgt Ion: 117 Resp: 176510
Ion Ratio Lower Upper
117 100
119 20.0 77.4 116.2#
201 0.0 84.6 127.0#



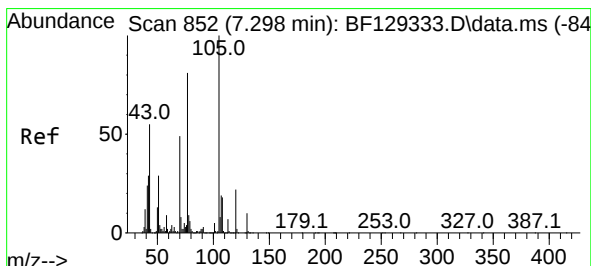
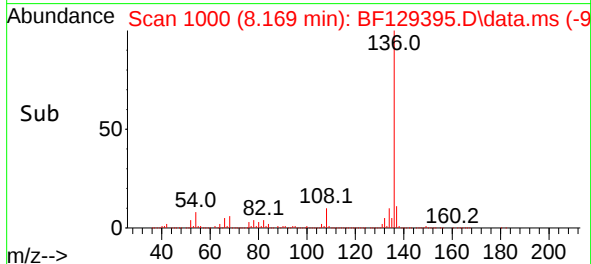
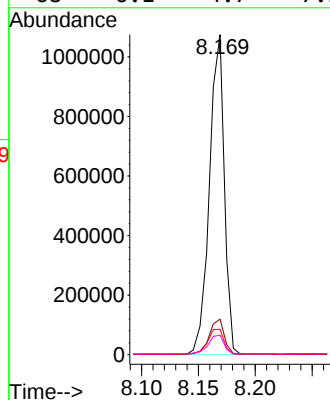
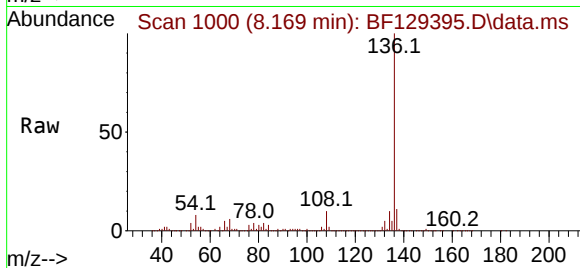


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 977279

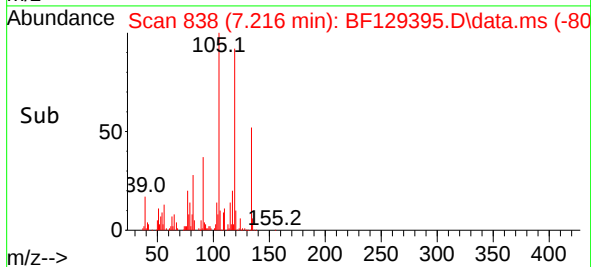
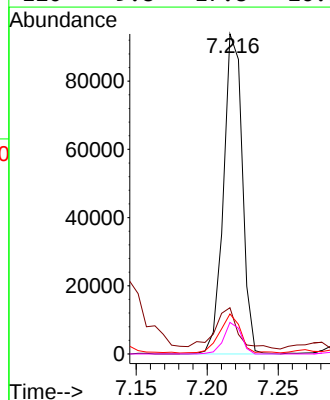
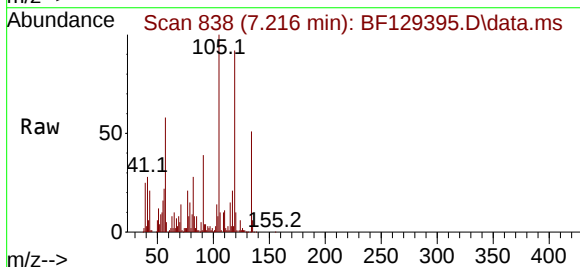
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	7.5	11.3
68	6.1	4.7	7.1

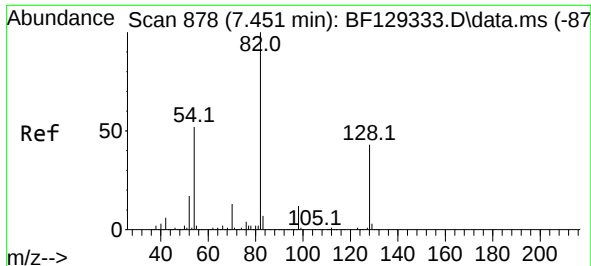


#22
Acetophenone
Concen: 3.786 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.082 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

Tgt Ion:105 Resp: 86149

Ion	Ratio	Lower	Upper
105	100		
71	14.5	5.0	7.4#
51	12.5	25.0	37.4#
120	9.8	17.8	26.8#

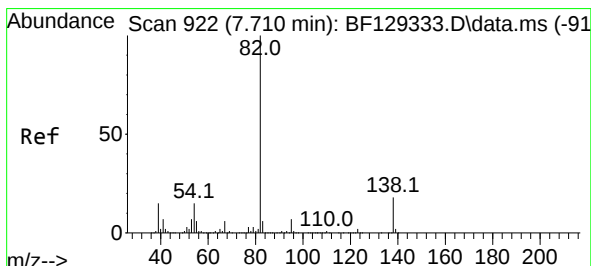
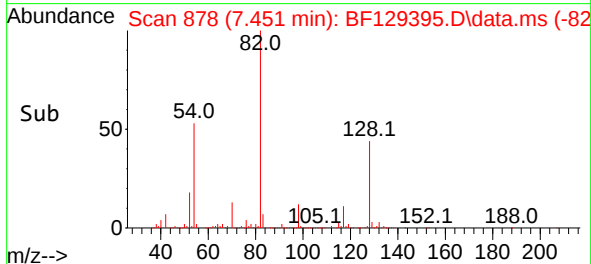
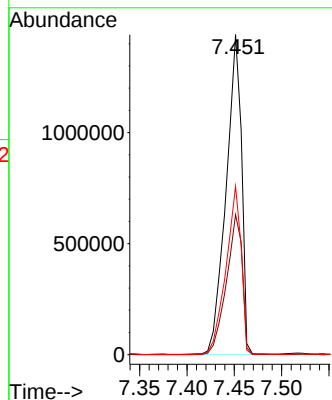
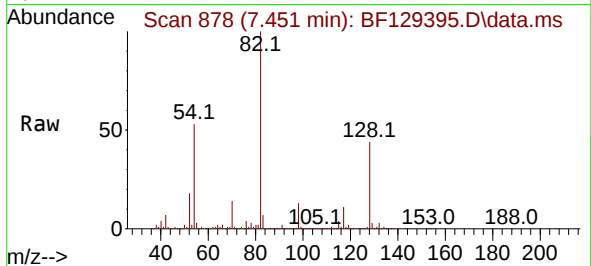




#23
Nitrobenzene-d5
Concen: 91.529 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

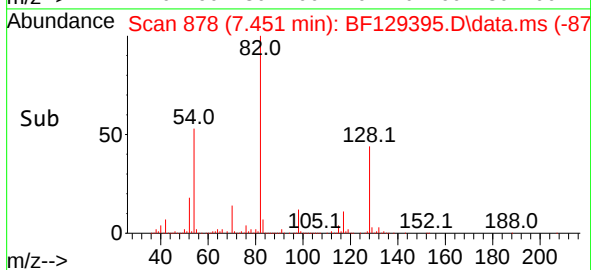
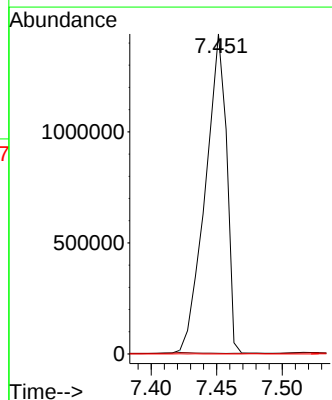
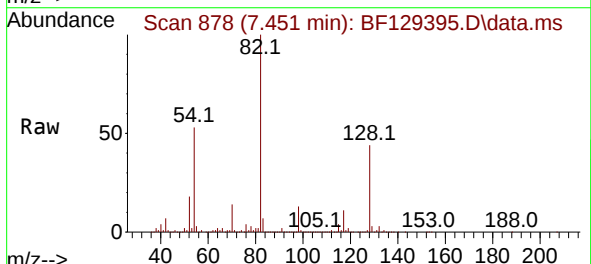
Instrument :
BNA_F
ClientSampleId :
MW-12

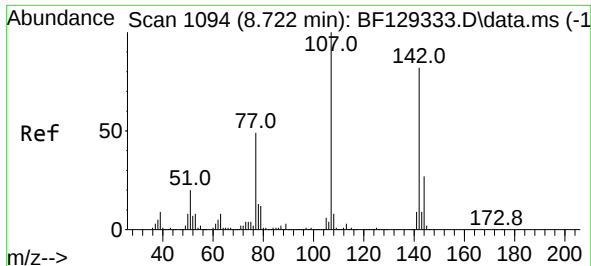
Tgt Ion: 82 Resp: 1638605
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 52.6 46.9 70.3



#25
Isophorone
Concen: 50.604 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.259 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

Tgt Ion: 82 Resp: 1623894
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 14.2 21.2#





#36

4-Chloro-3-methylphenol

Concen: 3.507 ng

RT: 8.728 min Scan# 1094

Delta R.T. 0.006 min

Lab File: BF129395.D

Acq: 28 Jul 2022 01:27

Instrument :

BNA_F

ClientSampleId :

MW-12

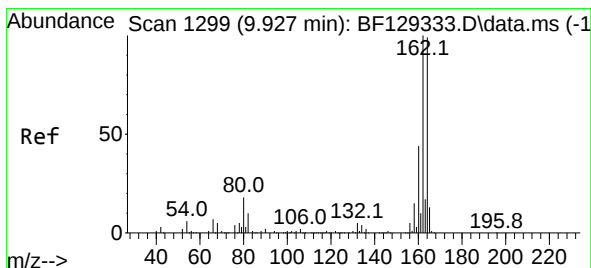
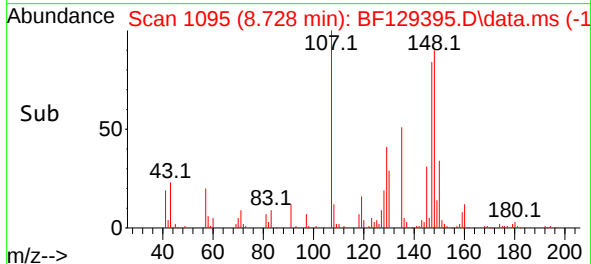
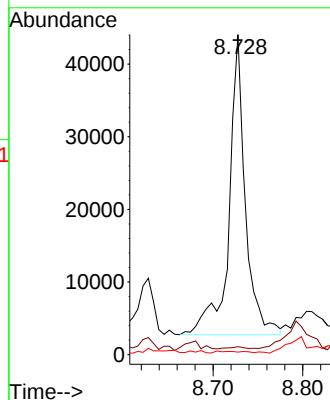
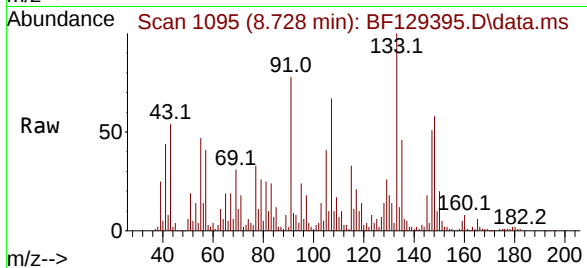
Tgt Ion:107 Resp: 52372

Ion Ratio Lower Upper

107 100

144 2.5 19.5 29.3#

142 0.8 58.2 87.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF129395.D

Acq: 28 Jul 2022 01:27

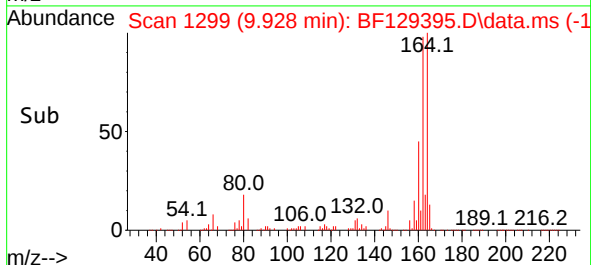
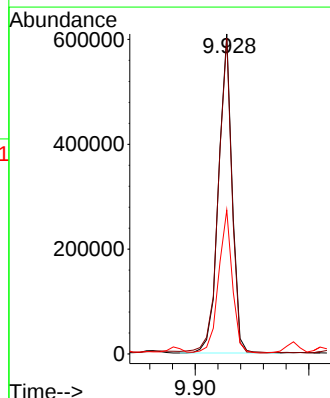
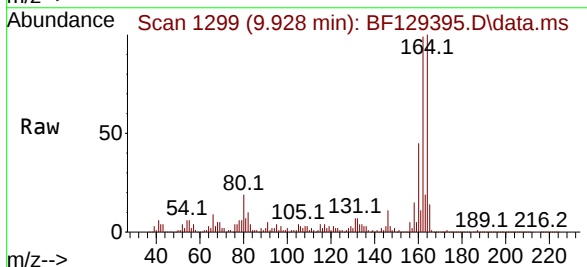
Tgt Ion:164 Resp: 504786

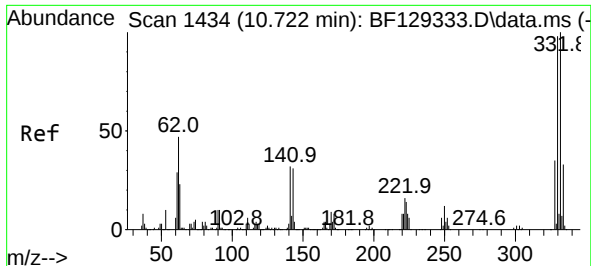
Ion Ratio Lower Upper

164 100

162 98.7 79.5 119.3

160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.262 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129395.D

Acq: 28 Jul 2022 01:27

Instrument :

BNA_F

ClientSampleId :

MW-12

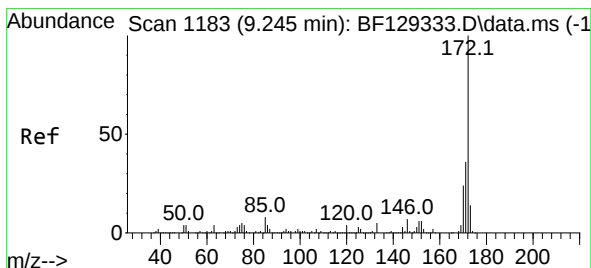
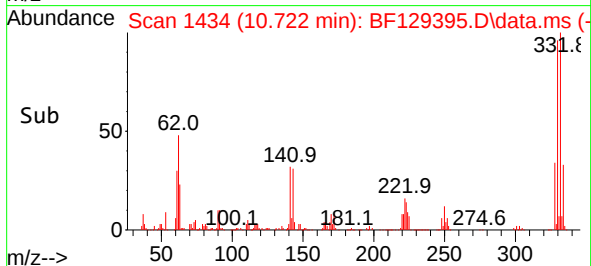
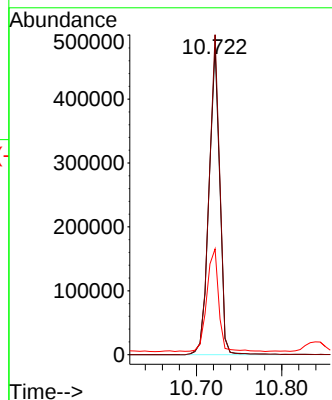
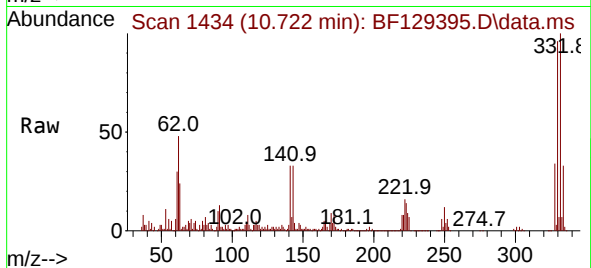
Tgt Ion:330 Resp: 423494

Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 36.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.218 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129395.D

Acq: 28 Jul 2022 01:27

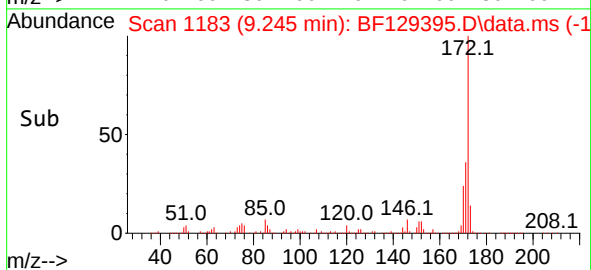
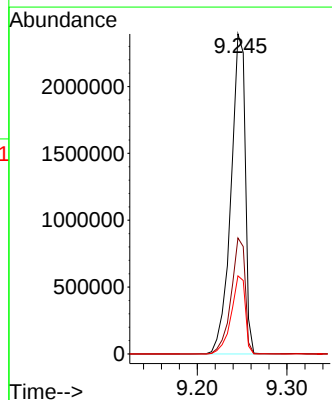
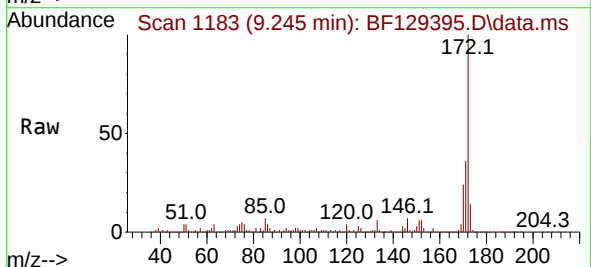
Tgt Ion:172 Resp: 2650217

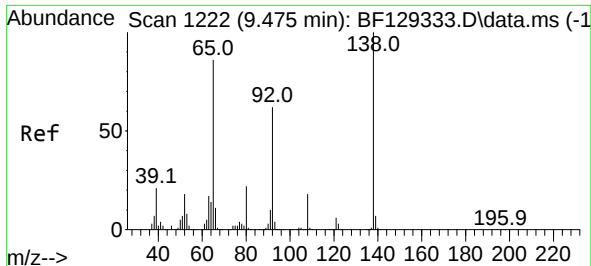
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.4 19.8 29.8

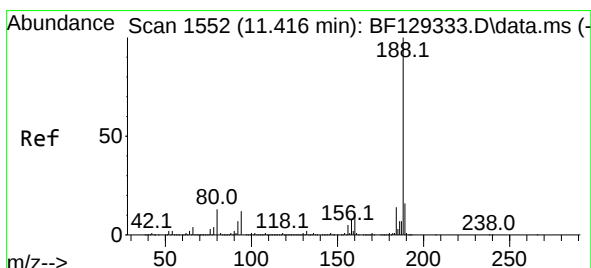
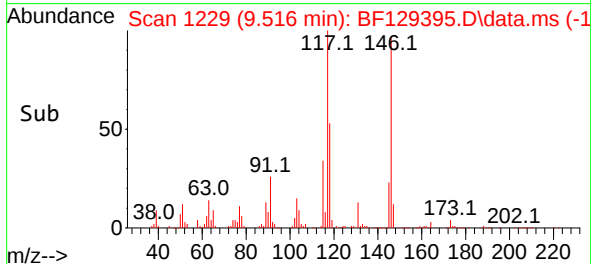
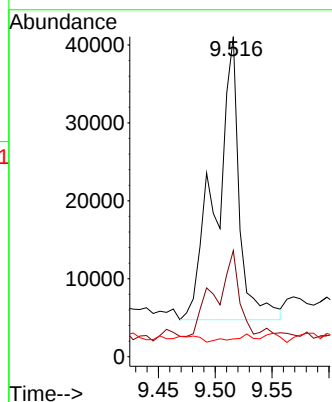
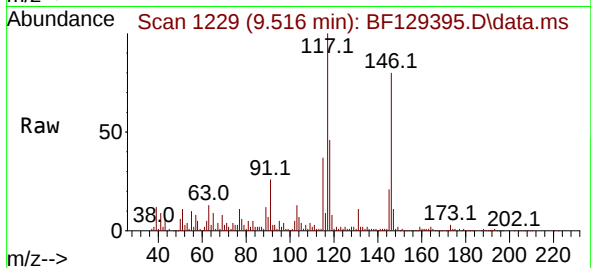




#48
2-Nitroaniline
Concen: 5.249 ng
RT: 9.516 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

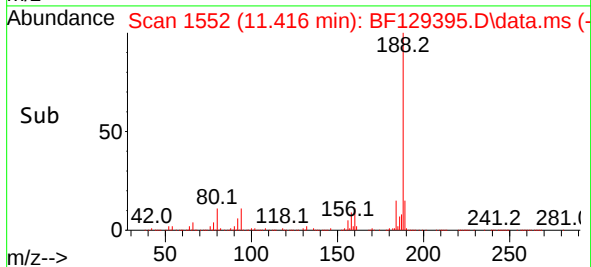
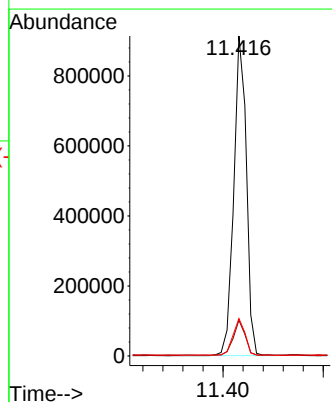
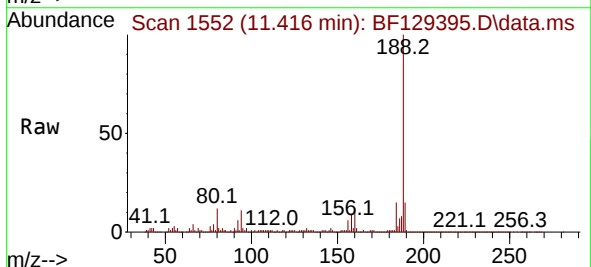
Instrument :
BNA_F
ClientSampleId :
MW-12

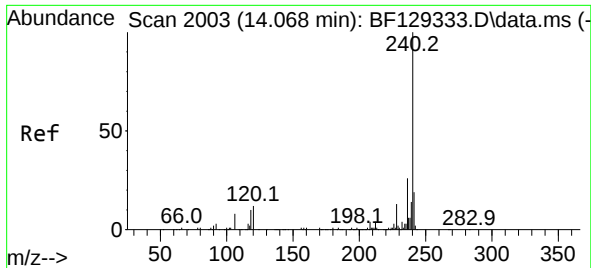
Tgt Ion: 65 Resp: 51982
Ion Ratio Lower Upper
65 100
92 33.2 51.9 77.9#
138 5.6 76.4 114.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

Tgt Ion:188 Resp: 792824
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.7 7.6 11.4#

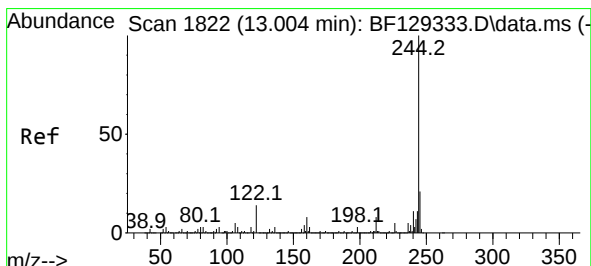
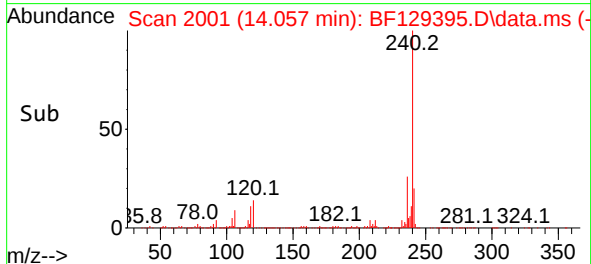
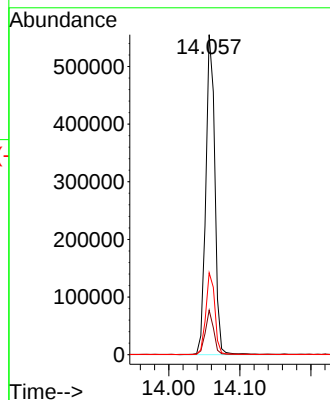
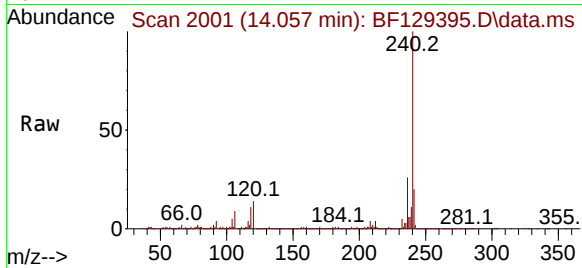




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

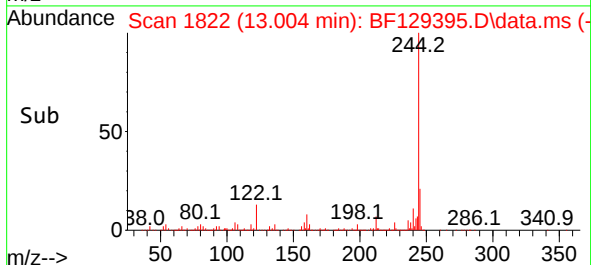
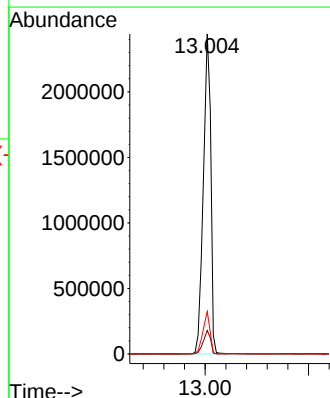
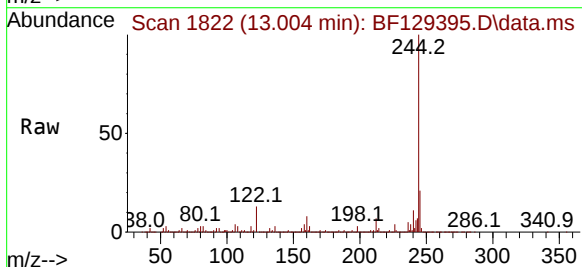
Instrument :
BNA_F
ClientSampleId :
MW-12

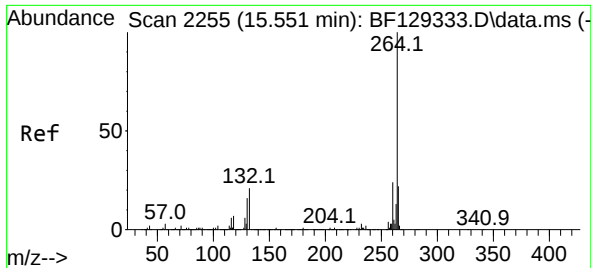
Tgt Ion:240 Resp: 492474
Ion Ratio Lower Upper
240 100
120 13.9 8.9 13.3#
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 93.510 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129395.D
Acq: 28 Jul 2022 01:27

Tgt Ion:244 Resp: 2440982
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.3 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129395.D
 Acq: 28 Jul 2022 01:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:264 Resp: 423324
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 21.8 17.2 25.8

