

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129710.D
 Acq On : 11 Aug 2022 11:06
 Operator : CG\JU
 Sample : PB146625BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146625BL

Quant Time: Aug 11 23:53:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

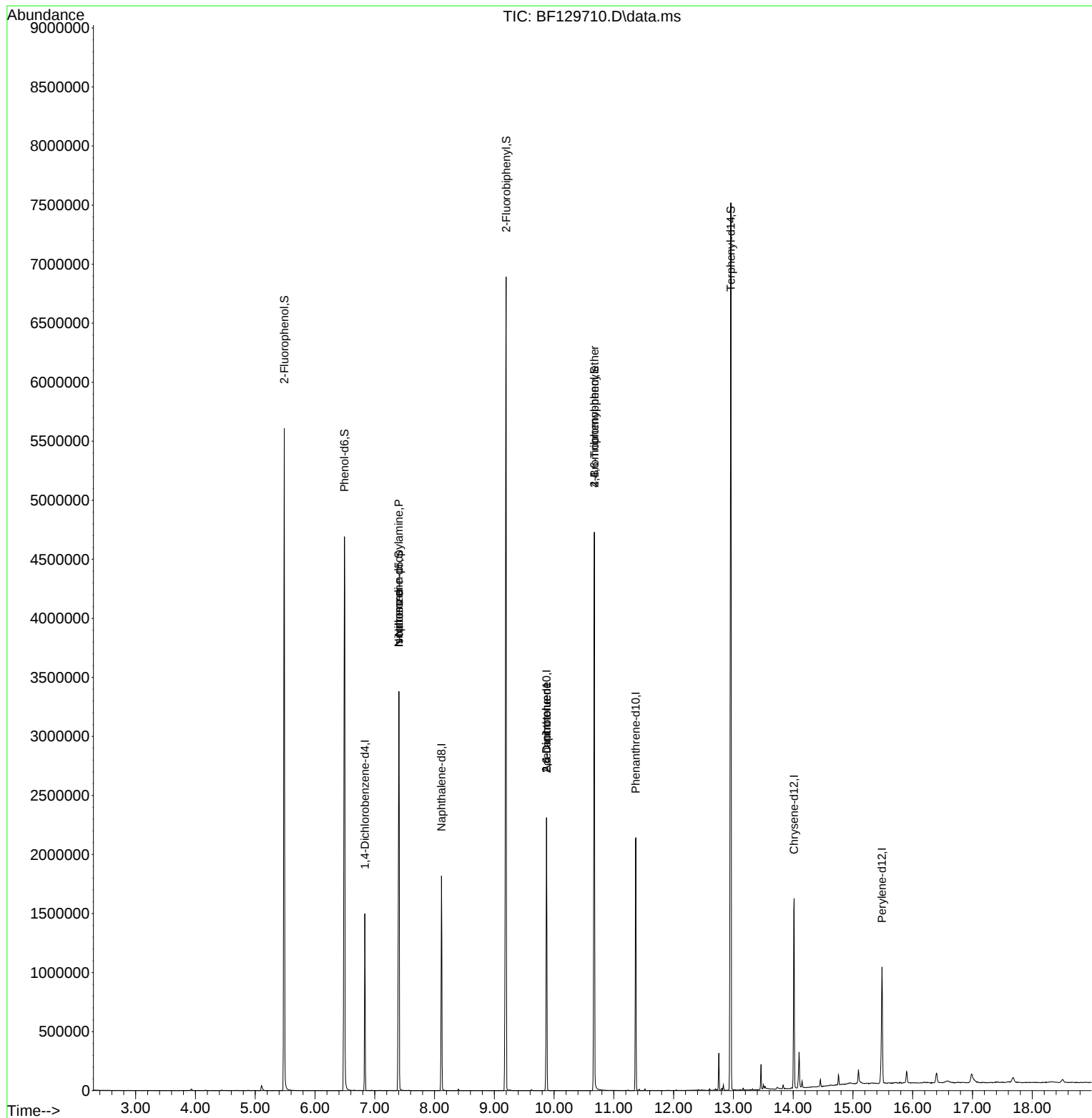
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	198911	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	833352	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	456851	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	802755	20.000	ng	0.00
76) Chrysene-d12	14.015	240	554000	20.000	ng	0.00
86) Perylene-d12	15.486	264	419748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1544489	126.487	ng	0.02
7) Phenol-d6	6.492	99	1992695	129.834	ng	0.00
23) Nitrobenzene-d5	7.404	82	1316640	86.246	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	590256	134.385	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2420150	81.949	ng	0.00
79) Terphenyl-d14	12.957	244	2822600	96.120	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	175586	18.897	ng	# 72
25) Isophorone	7.404	82	1316625	48.114	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	60431	8.561	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	60431	6.553	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	36729	4.178	ng	# 1

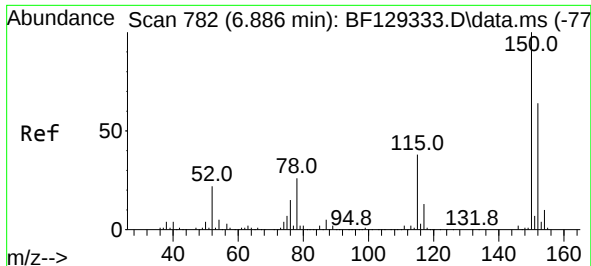
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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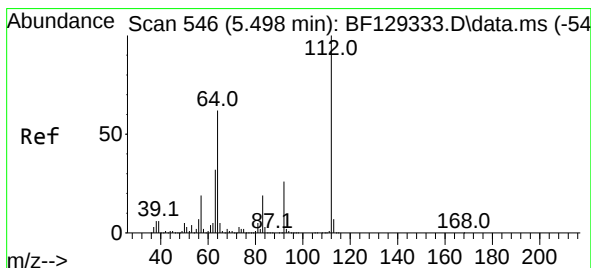
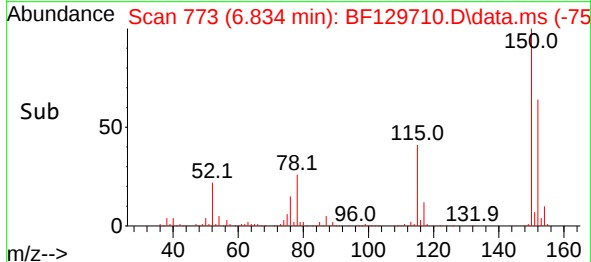
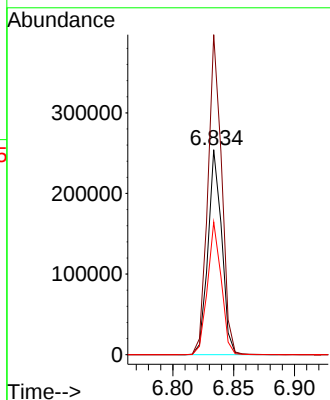
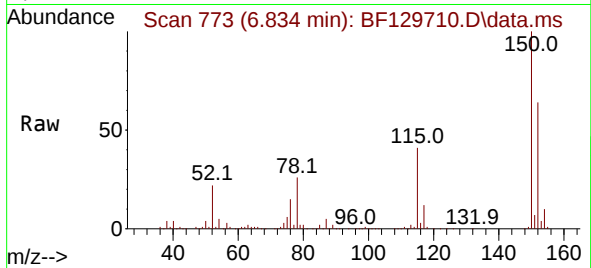




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129710.D
 Acq: 11 Aug 2022 11:06

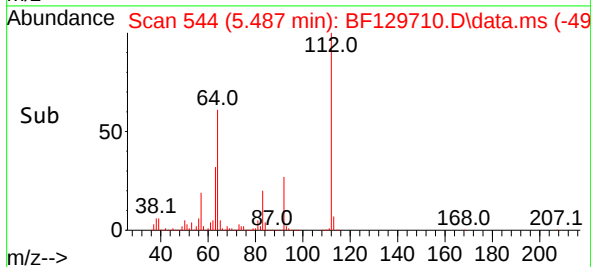
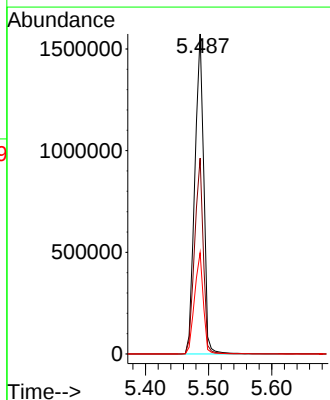
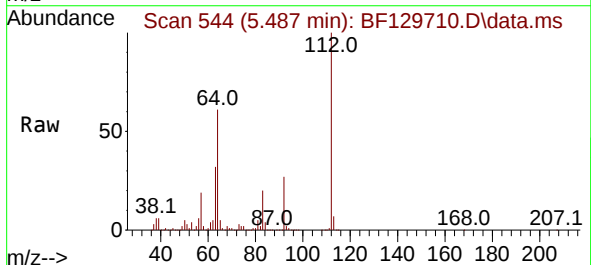
Instrument :
 BNA_F
 ClientSampleId :
 PB146625BL

Tgt Ion:152 Resp: 198911
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 64.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 126.487 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.017 min
 Lab File: BF129710.D
 Acq: 11 Aug 2022 11:06

Tgt Ion:112 Resp: 1544489
 Ion Ratio Lower Upper
 112 100
 64 61.2 53.3 79.9
 63 31.7 28.0 42.0

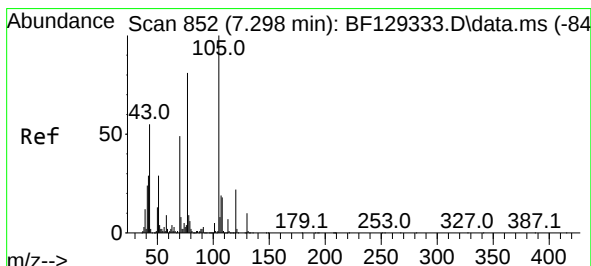
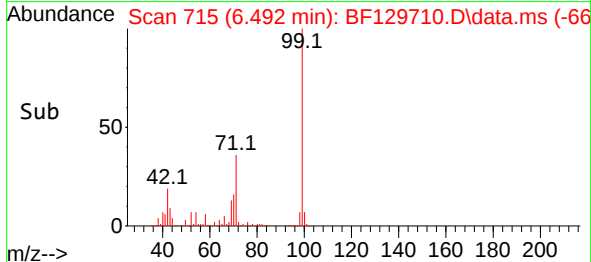
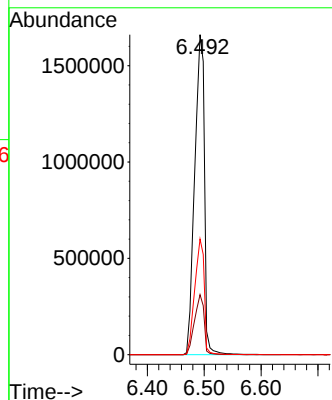
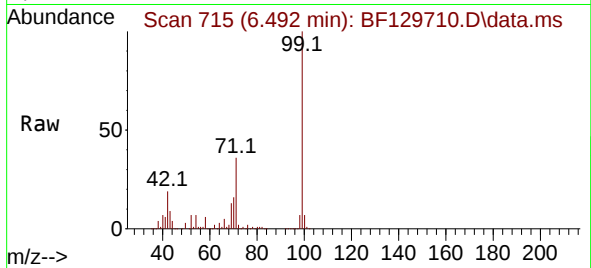




#7
Phenol-d6
Concen: 129.834 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

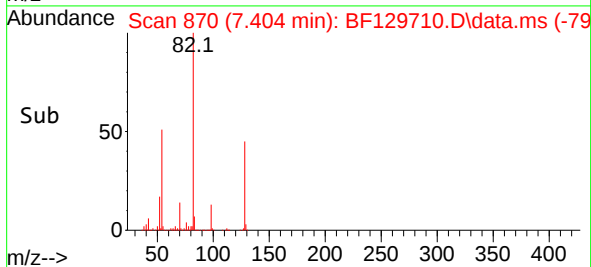
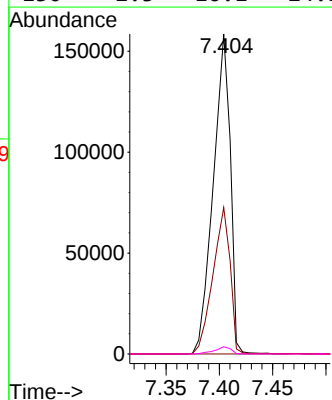
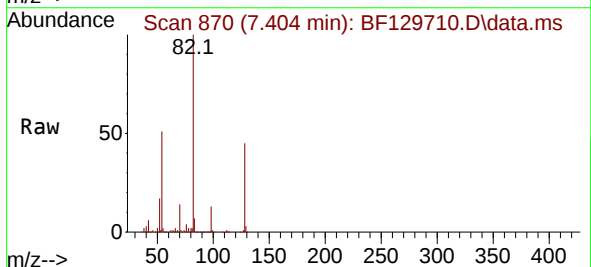
Instrument :
BNA_F
ClientSampleId :
PB146625BL

Tgt Ion: 99 Resp: 1992695
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.897 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.147 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

Tgt Ion: 70 Resp: 175586
Ion Ratio Lower Upper
70 100
42 45.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

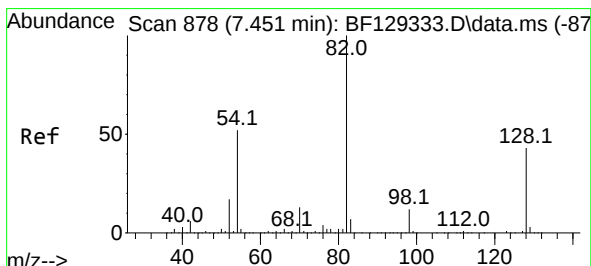
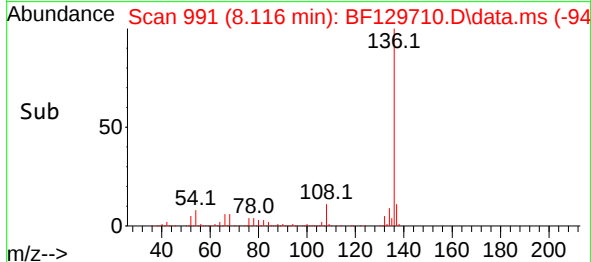
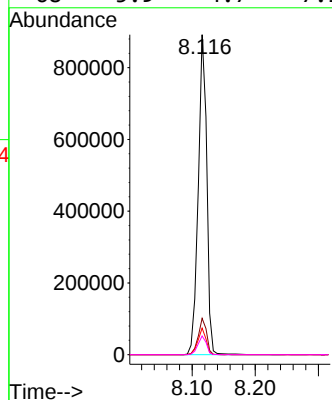
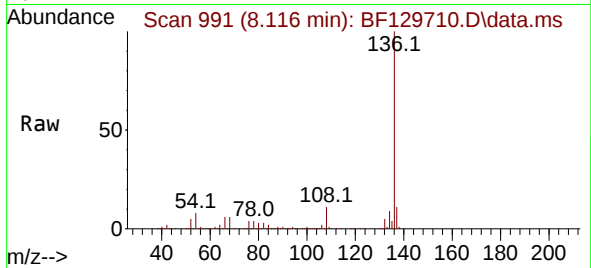




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

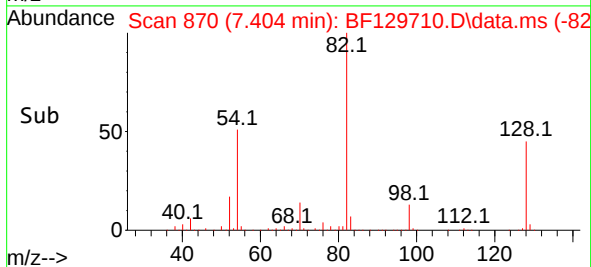
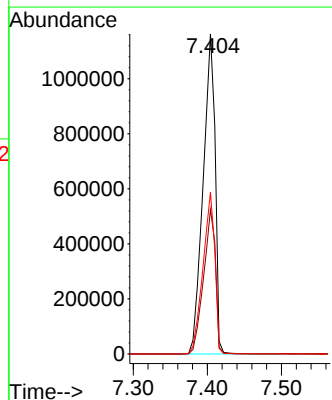
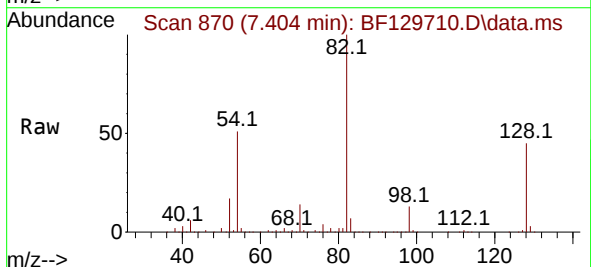
Instrument :
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ClientSampleId :
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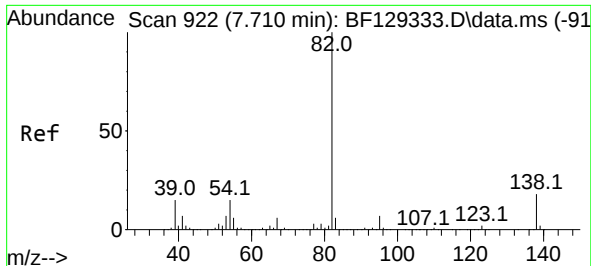
Tgt Ion:136 Resp: 833352
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.3 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 86.246 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

Tgt Ion: 82 Resp: 1316640
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 50.5 46.9 70.3

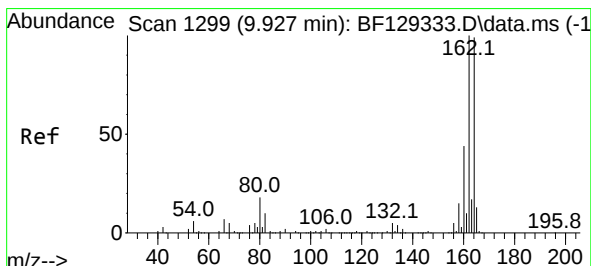
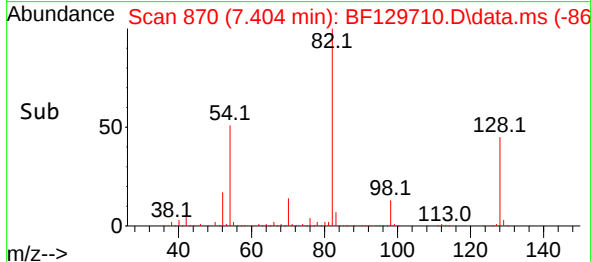
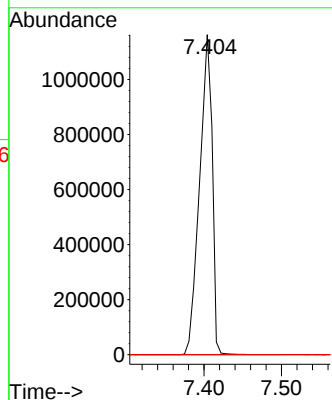
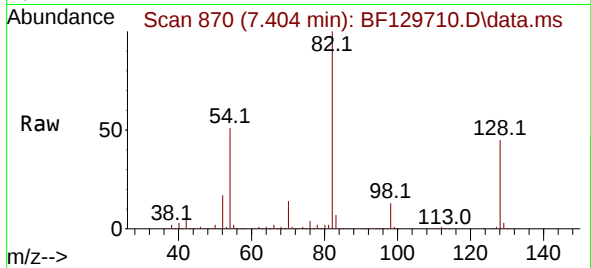




#25
Isophorone
Concen: 48.114 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

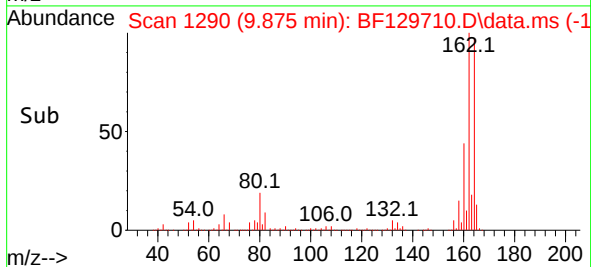
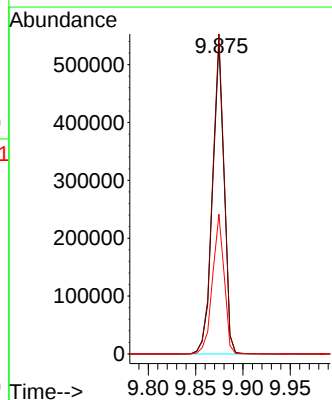
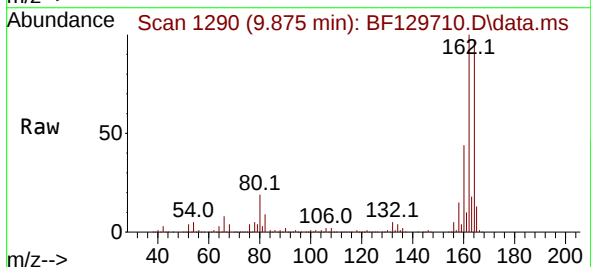
Instrument :
BNA_F
ClientSampleId :
PB146625BL

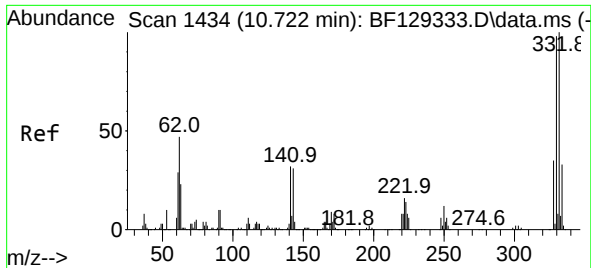
Tgt Ion: 82 Resp: 1316625
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

Tgt Ion:164 Resp: 456851
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 44.9 34.2 51.4

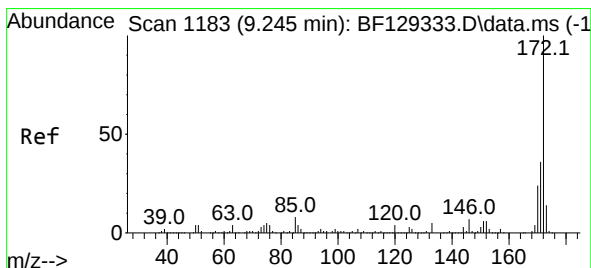
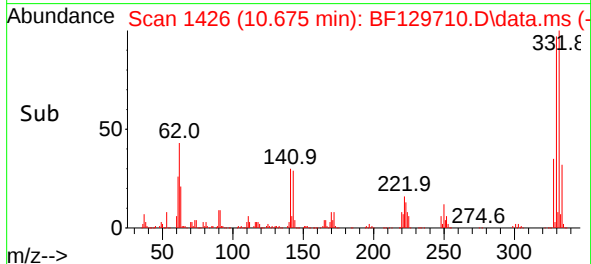
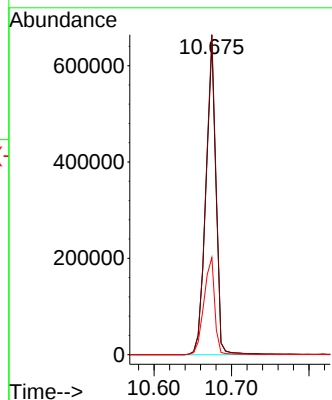
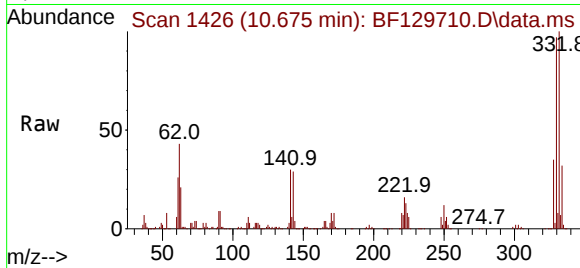




#42
2,4,6-Tribromophenol
Concen: 134.385 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

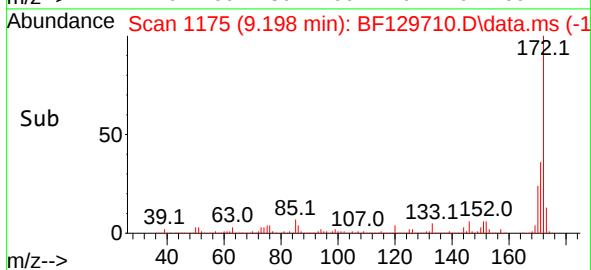
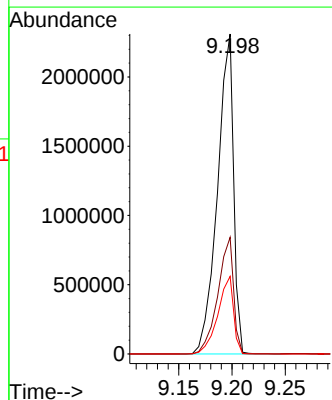
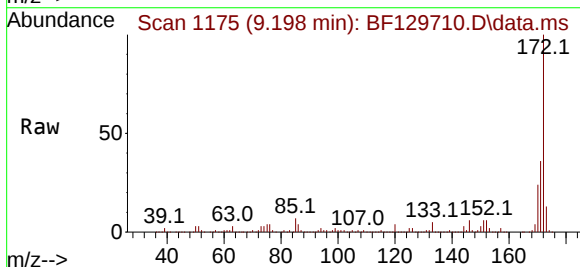
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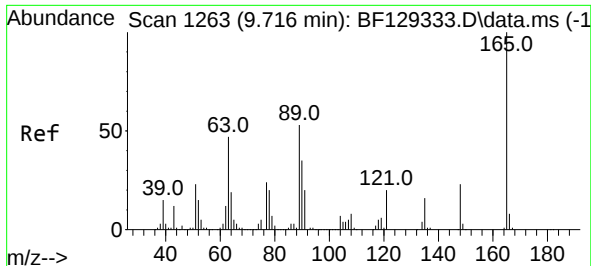
Tgt Ion:330 Resp: 590256
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 33.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.949 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

Tgt Ion:172 Resp: 2420150
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.2 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.561 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF129710.D

Acq: 11 Aug 2022 11:06

Instrument :

BNA_F

ClientSampleId :

PB146625BL

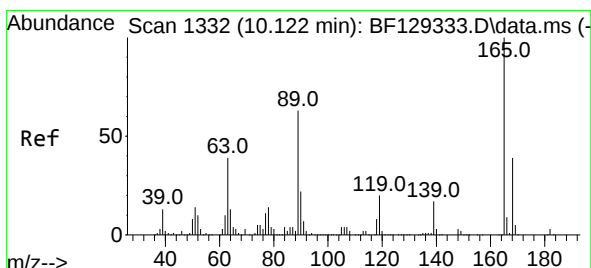
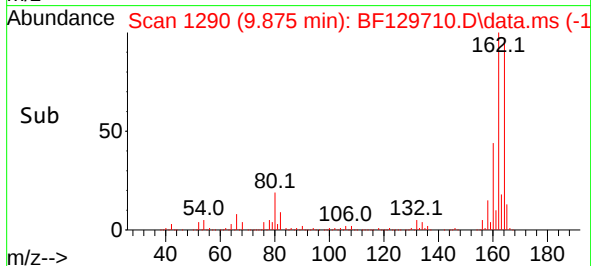
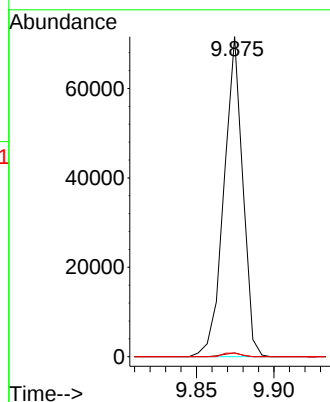
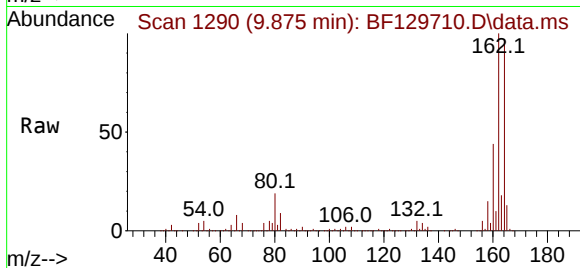
Tgt Ion:165 Resp: 60431

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.553 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.206 min

Lab File: BF129710.D

Acq: 11 Aug 2022 11:06

Tgt Ion:165 Resp: 60431

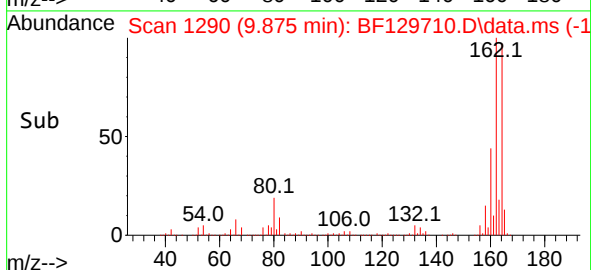
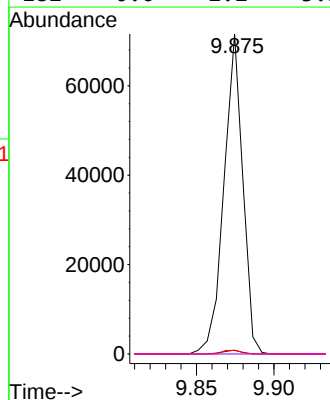
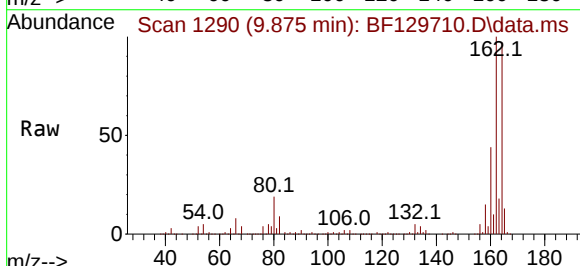
Ion Ratio Lower Upper

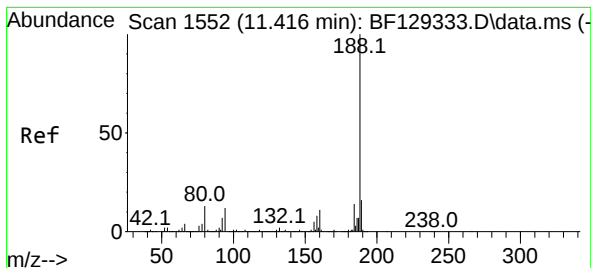
165 100

63 1.2 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129710.D

Acq: 11 Aug 2022 11:06

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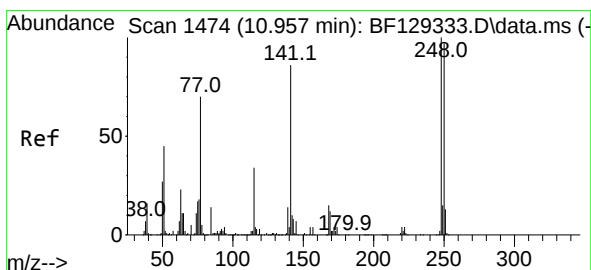
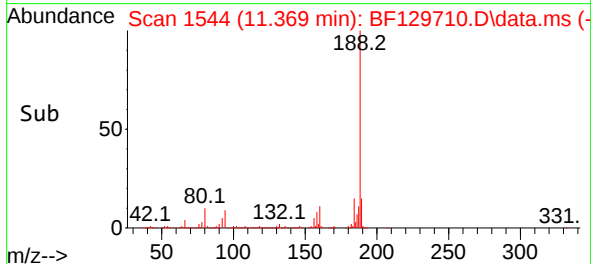
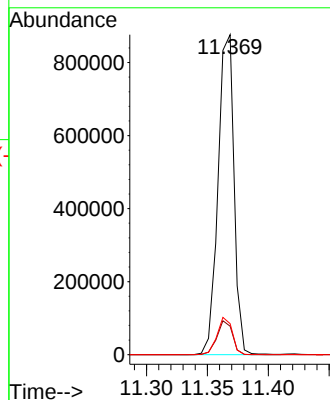
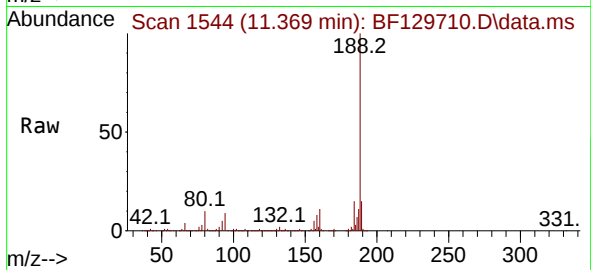
Tgt Ion:188 Resp: 802755

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.7 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.178 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.235 min

Lab File: BF129710.D

Acq: 11 Aug 2022 11:06

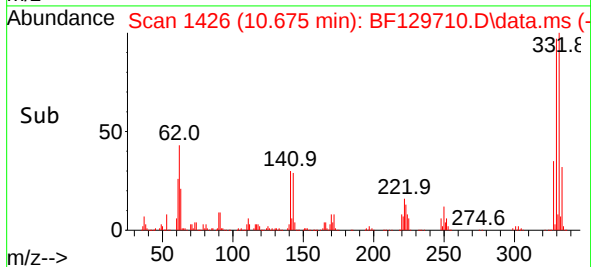
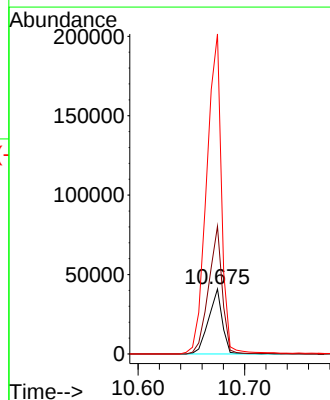
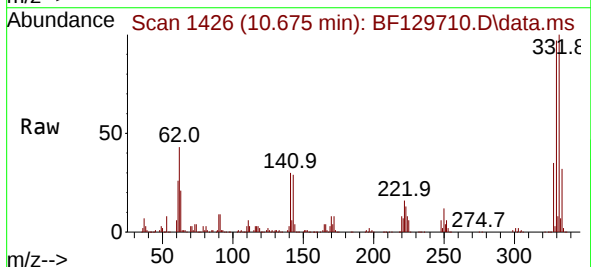
Tgt Ion:248 Resp: 36729

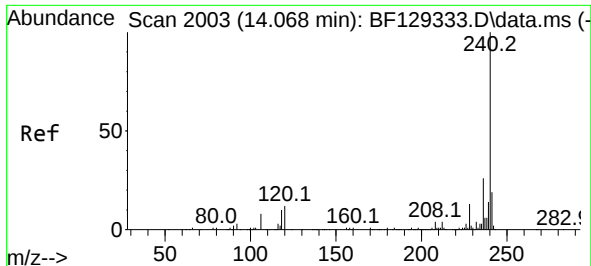
Ion Ratio Lower Upper

248 100

250 196.7 80.6 120.8#

141 492.7 58.9 88.3#

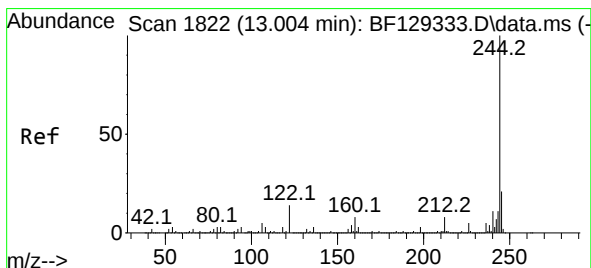
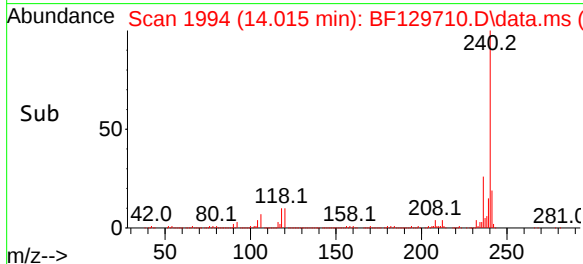
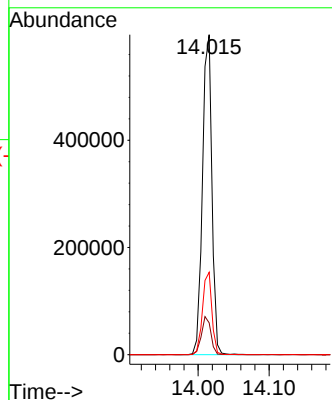
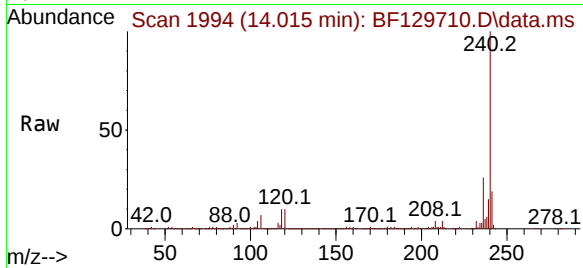




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

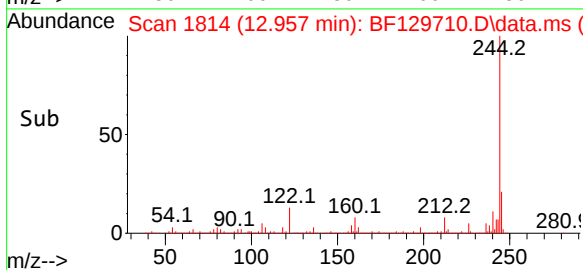
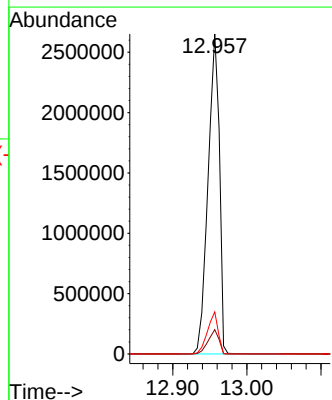
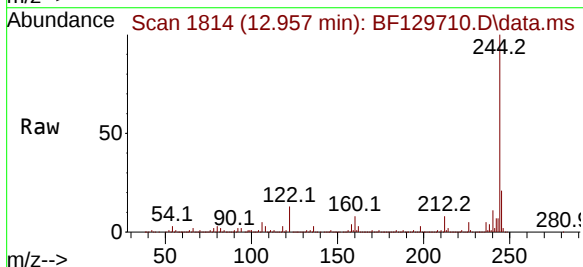
Instrument :
BNA_F
ClientSampleId :
PB146625BL

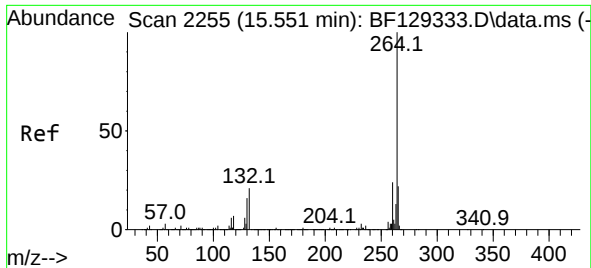
Tgt Ion:240 Resp: 554000
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 96.120 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

Tgt Ion:244 Resp: 2822600
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 13.2 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129710.D
Acq: 11 Aug 2022 11:06

Instrument :
BNA_F
ClientSampleId :
PB146625BL

Tgt Ion:264 Resp: 419748

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.8	17.2	25.8

