

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025865.D
 Acq On : 25 Sep 2025 20:13
 Operator : CG/JU
 Sample : Q3168-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TOTES COMP#2

Quant Time: Sep 25 22:06:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

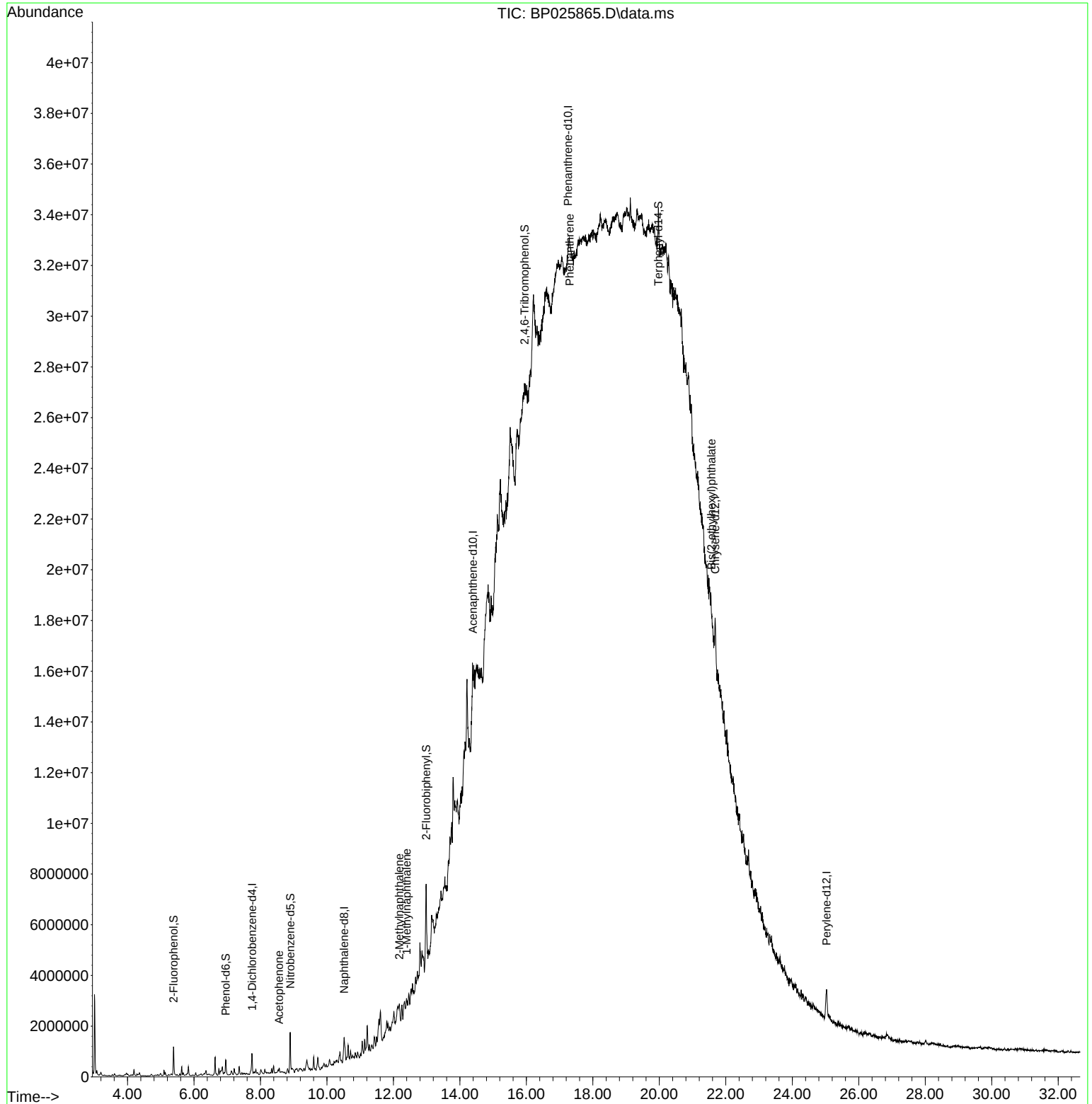
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	203015	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	785896	20.000	ng	# 0.00
39) Acenaphthene-d10	14.390	164	493484	20.000	ng	0.01
64) Phenanthrene-d10	17.254	188	551592	20.000	ng	# 0.07
76) Chrysene-d12	21.677	240	1208631	20.000	ng	# 0.04
86) Perylene-d12	25.030	264	1333731	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	537583	42.727	ng	0.00
7) Phenol-d6	6.955	99	403125	24.105	ng	0.00
23) Nitrobenzene-d5	8.896	82	974438	54.694	ng	0.00
42) 2,4,6-Tribromophenol	15.948	330	680646	110.580	ng	0.04
45) 2-Fluorobiphenyl	12.984	172	2325020	62.733	ng	0.00
79) Terphenyl-d14	19.972	244	2667811	39.709	ng	0.06
Target Compounds						
						Qvalue
22) Acetophenone	8.560	105	64841	3.087	ng	# 98
37) 2-Methylnaphthalene	12.178	142	199138	7.317	ng	# 94
38) 1-Methylnaphthalene	12.396	142	156139	5.380	ng	# 95
71) Phenanthrene	17.301	178	2003735	64.039	ng	# 61
84) Bis(2-ethylhexyl)phtha...	21.566	149	379892	7.343	ng	# 74

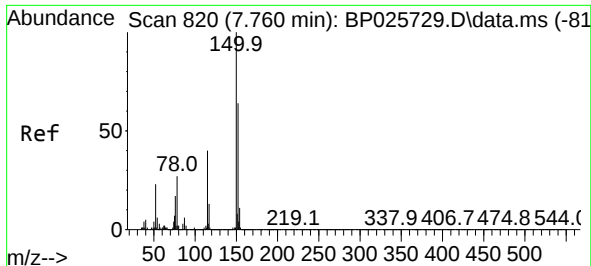
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

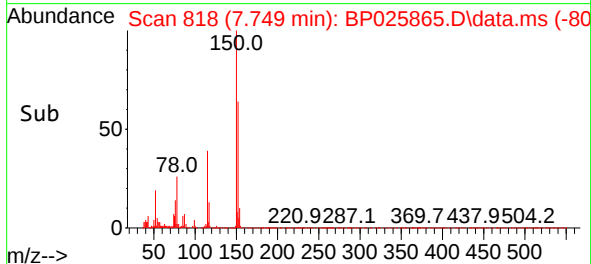
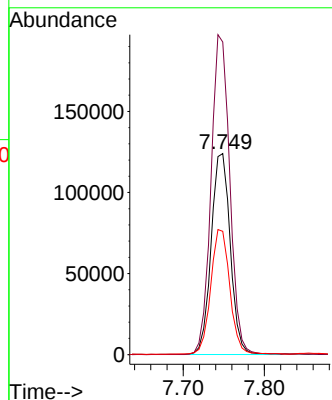
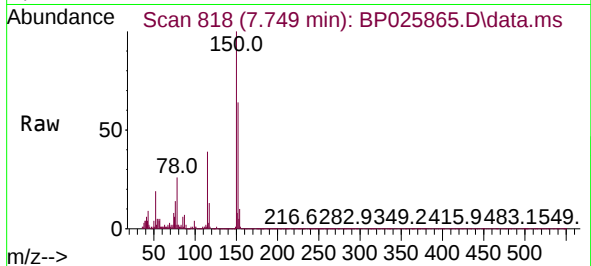




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

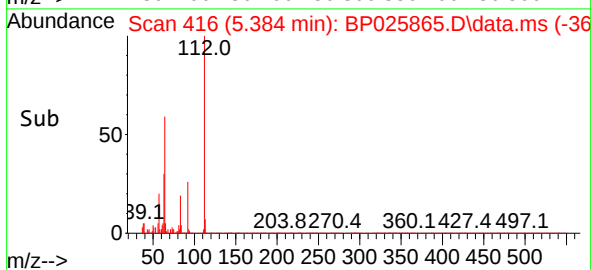
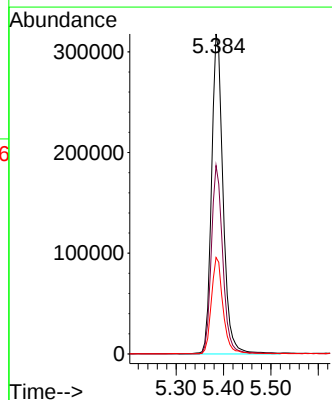
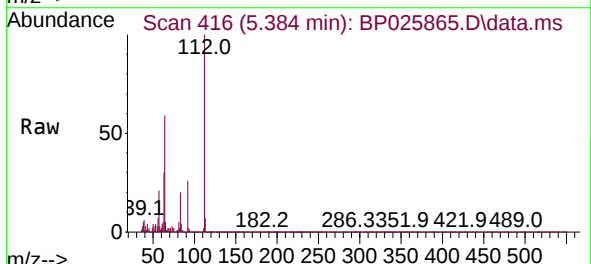
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#2

Tgt Ion:152 Resp: 203015
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 61.3 50.3 75.5



#5
2-Fluorophenol
Concen: 42.727 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

Tgt Ion:112 Resp: 537583
Ion Ratio Lower Upper
112 100
64 58.9 50.2 75.4
63 30.1 26.7 40.1

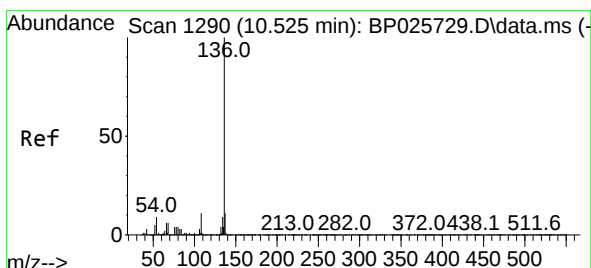
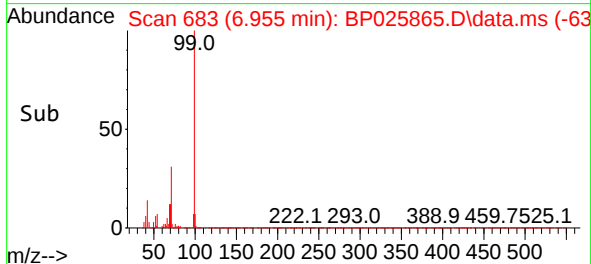
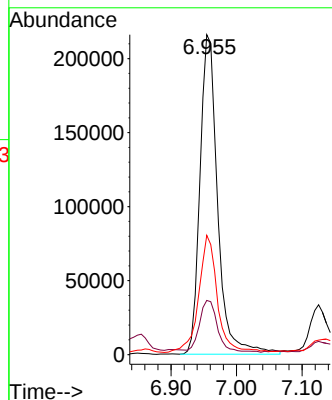
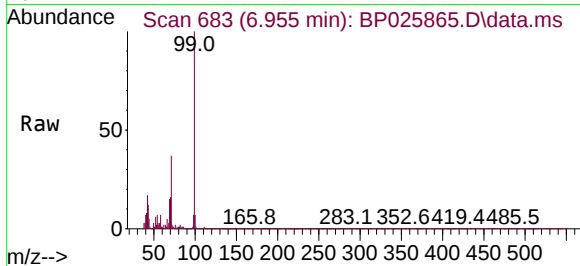




#7
Phenol-d6
Concen: 24.105 ng
RT: 6.955 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

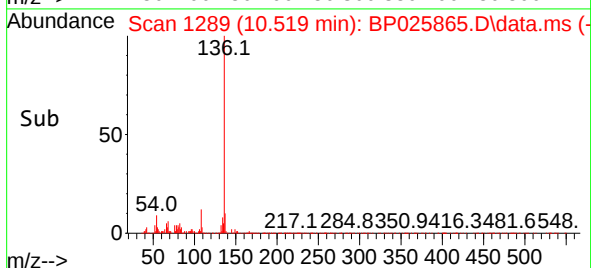
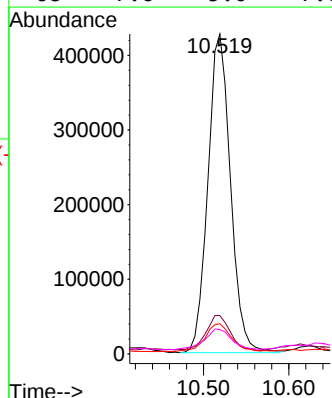
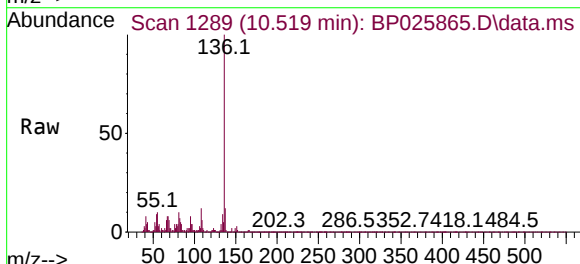
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#2

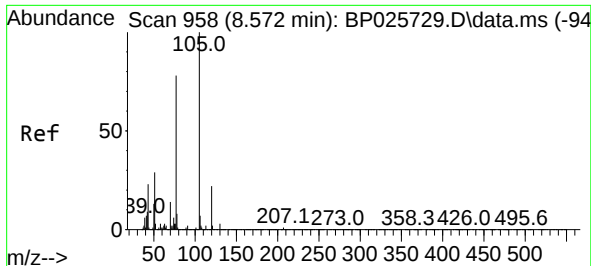
Tgt Ion: 99 Resp: 403125
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 37.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

Tgt Ion: 136 Resp: 785896
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 9.4 7.5 11.3
68 7.6 5.0 7.6#

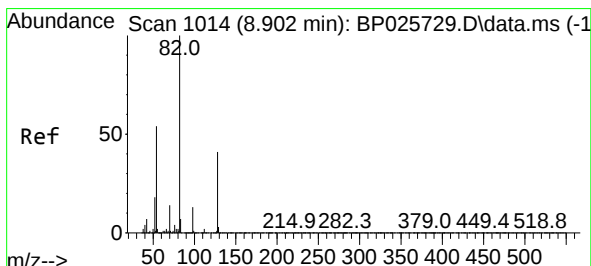
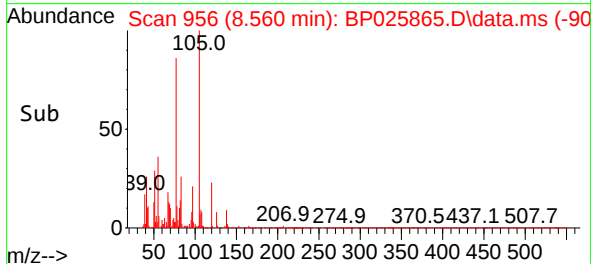
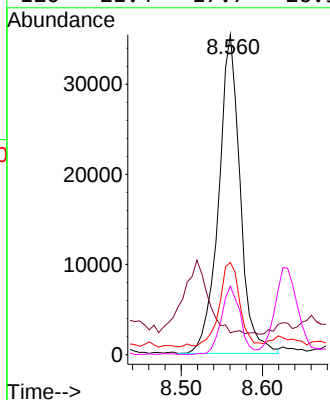
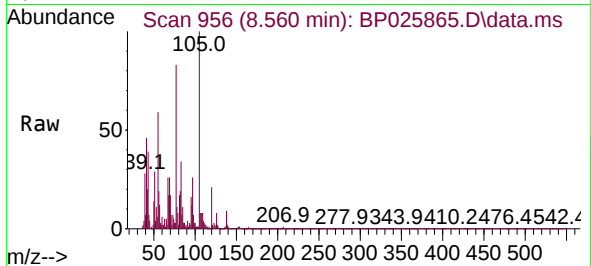




#22
Acetophenone
Concen: 3.087 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

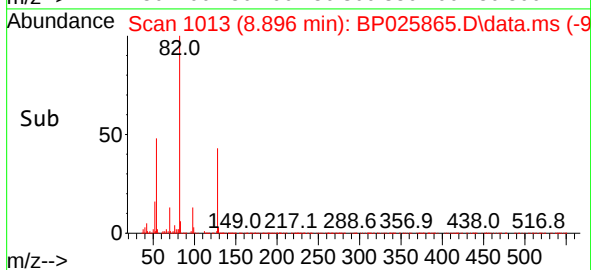
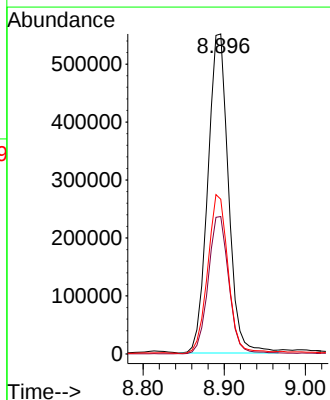
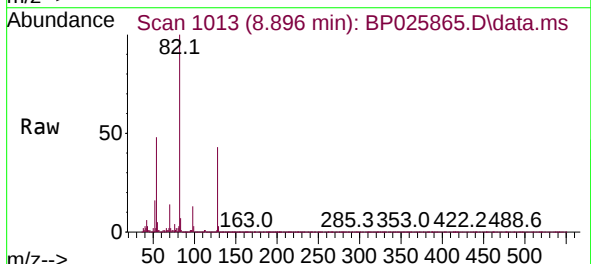
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#2

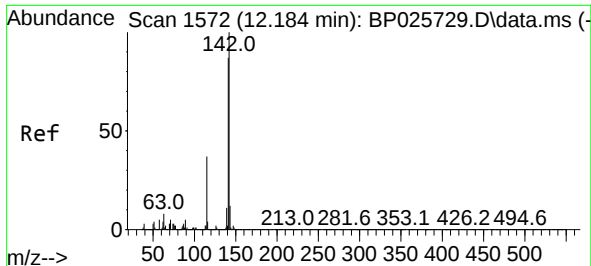
Tgt Ion:	105	Resp:	64841
Ion	Ratio	Lower	Upper
105	100		
71	6.8	1.8	2.8#
51	28.8	23.5	35.3
120	21.4	17.7	26.5



#23
Nitrobenzene-d5
Concen: 54.694 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

Tgt Ion:	82	Resp:	974438
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.9	49.3
54	48.3	43.4	65.2

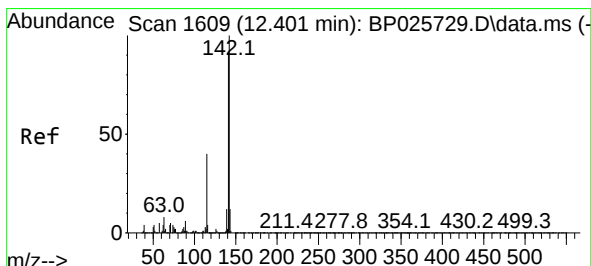
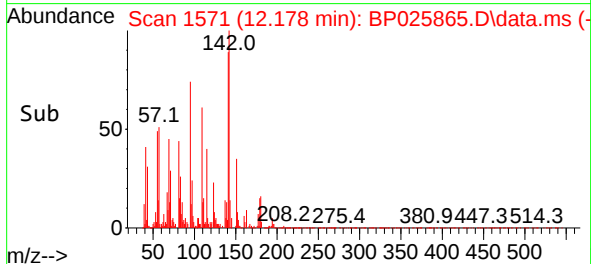
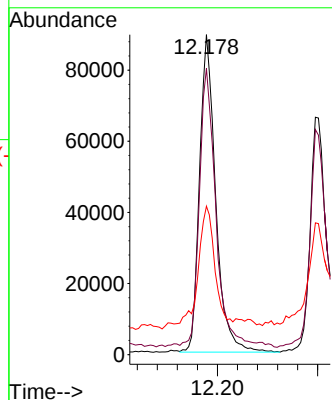
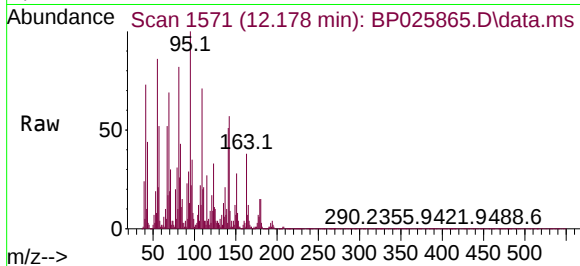




#37
2-Methylnaphthalene
Concen: 7.317 ng
RT: 12.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

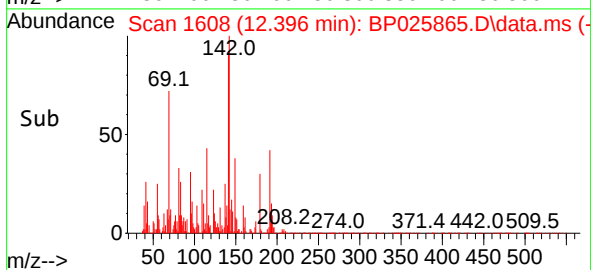
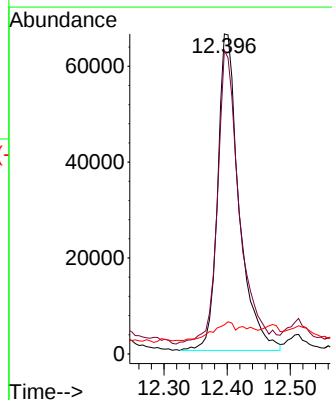
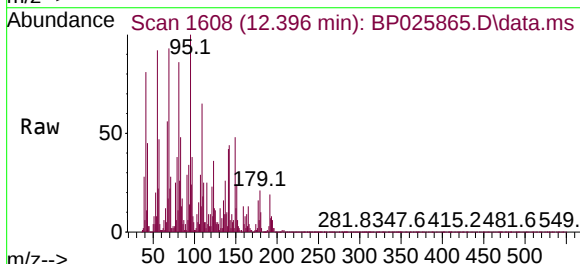
Instrument :
BNA_P
ClientSampleId :
TOTES COMP#2

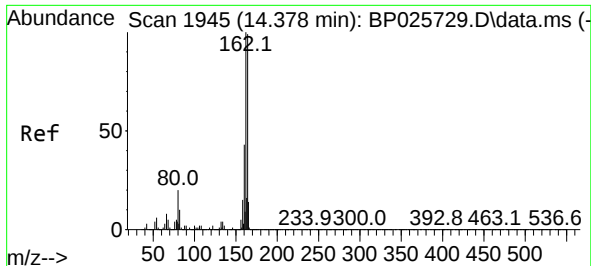
Tgt Ion:142 Resp: 199138
Ion Ratio Lower Upper
142 100
141 89.4 69.6 104.4
115 46.4 30.0 45.0#



#38
1-Methylnaphthalene
Concen: 5.380 ng
RT: 12.396 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

Tgt Ion:142 Resp: 156139
Ion Ratio Lower Upper
142 100
141 94.8 72.7 109.1
116 9.1 3.5 5.3#

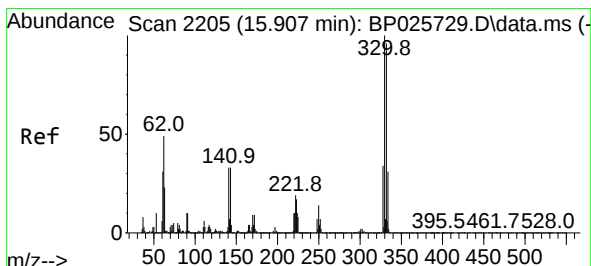
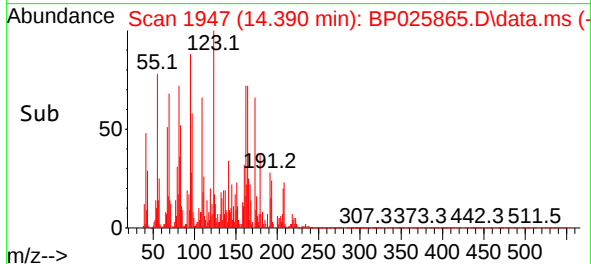
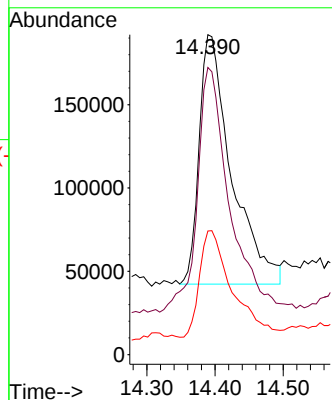
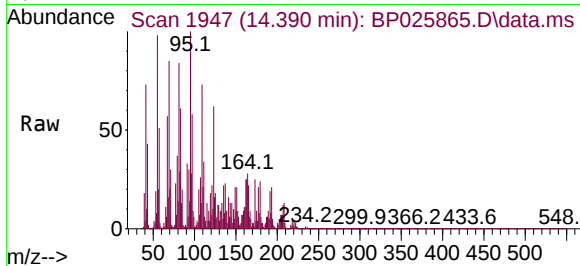




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1945
Delta R.T. 0.012 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

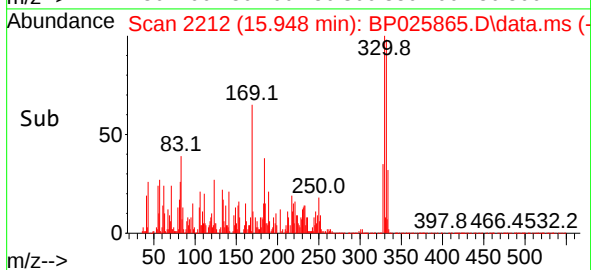
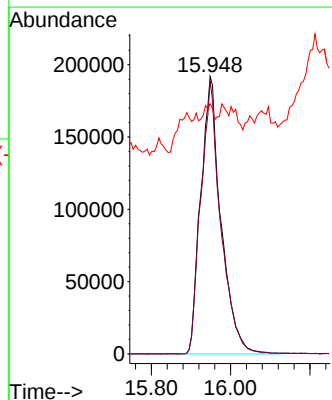
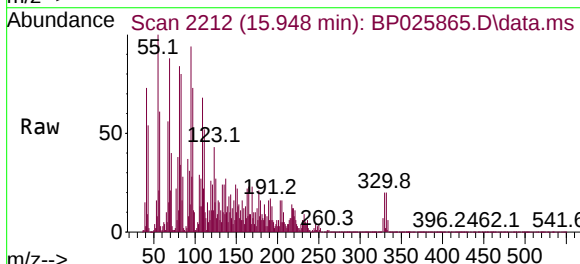
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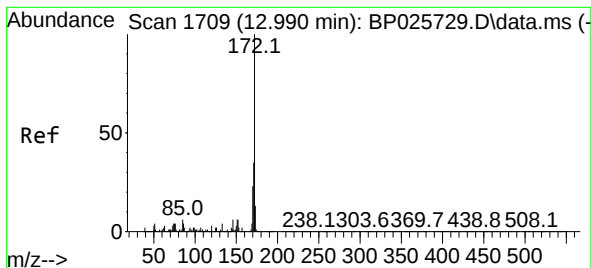
Tgt Ion:164 Resp: 493484
Ion Ratio Lower Upper
164 100
162 89.7 80.6 120.8
160 38.6 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 110.580 ng
RT: 15.948 min Scan# 2212
Delta R.T. 0.041 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

Tgt Ion:330 Resp: 680646
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 2.8 31.0 46.4#

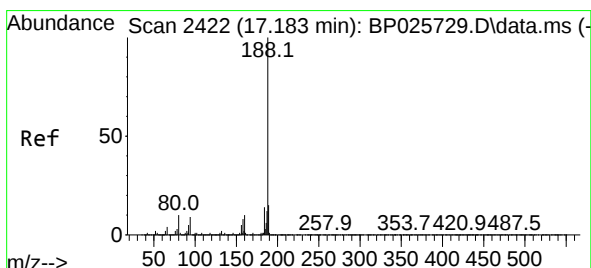
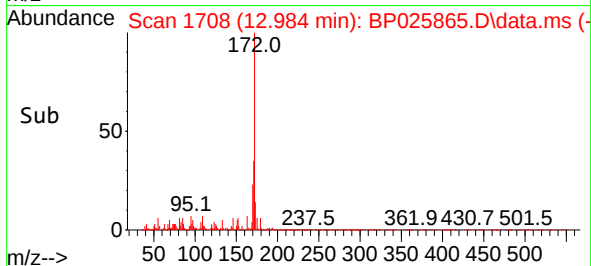
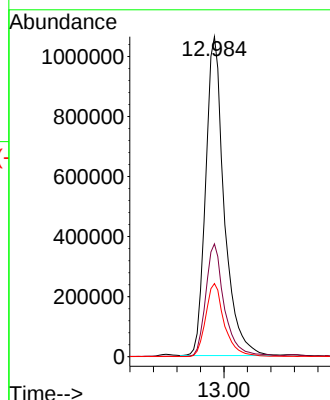
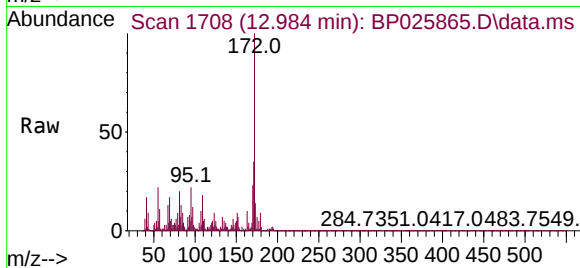




#45
2-Fluorobiphenyl
Concen: 62.733 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

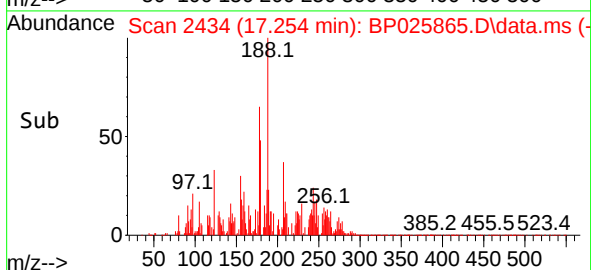
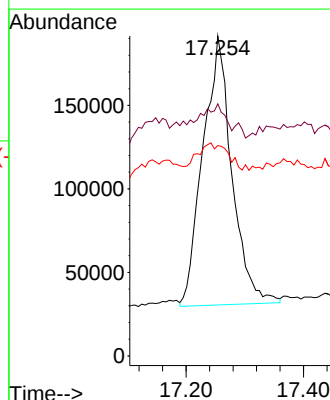
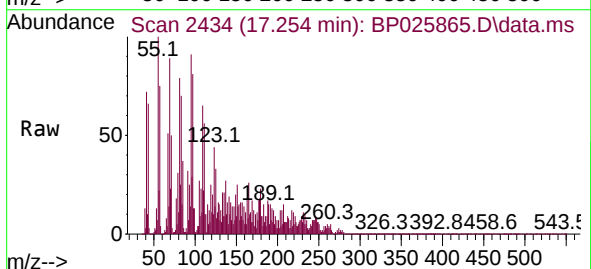
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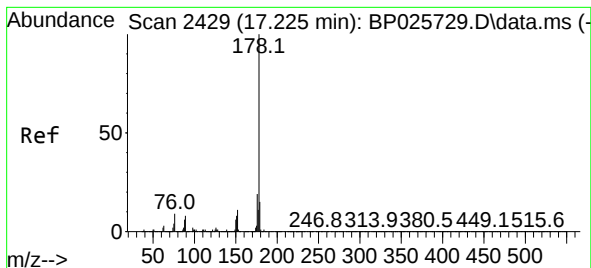
Tgt Ion:172 Resp: 2325020
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 22.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.254 min Scan# 2434
Delta R.T. 0.071 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

Tgt Ion:188 Resp: 551592
Ion Ratio Lower Upper
188 100
94 78.8 7.4 11.0#
80 65.7 7.7 11.5#





#71

Phenanthrene

Concen: 64.039 ng

RT: 17.301 min Scan# 24

Delta R.T. 0.076 min

Lab File: BP025865.D

Acq: 25 Sep 2025 20:13

Instrument :

BNA_P

ClientSampleId :

TOTES COMP#2

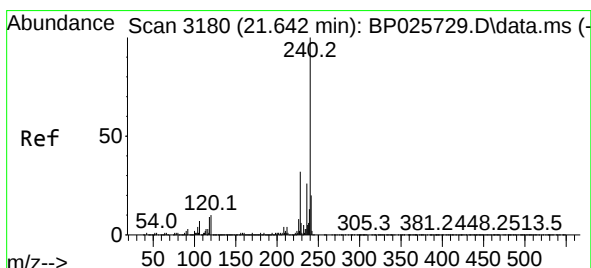
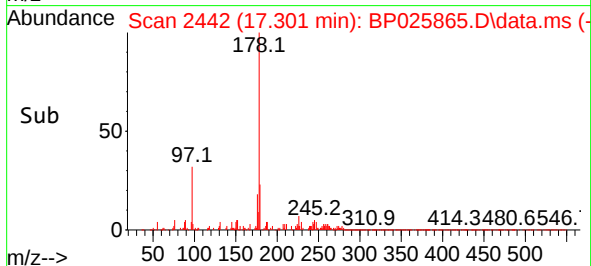
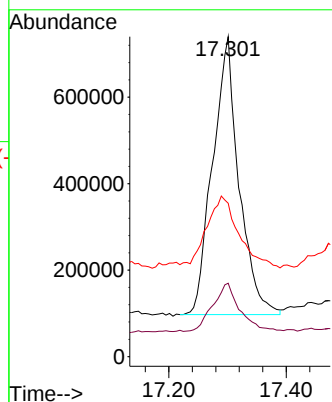
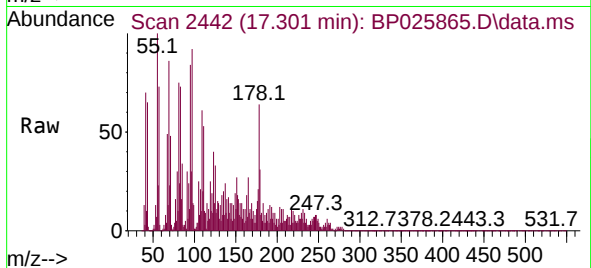
Tgt Ion:178 Resp: 2003735

Ion Ratio Lower Upper

178 100

176 22.9 15.4 23.2

179 47.9 12.2 18.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.677 min Scan# 3186

Delta R.T. 0.035 min

Lab File: BP025865.D

Acq: 25 Sep 2025 20:13

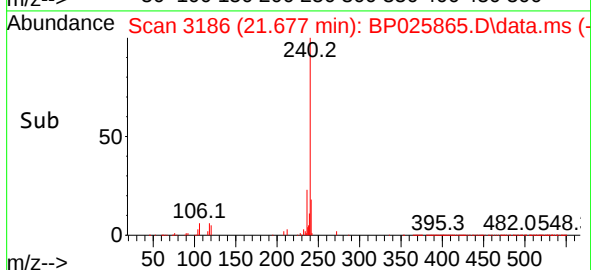
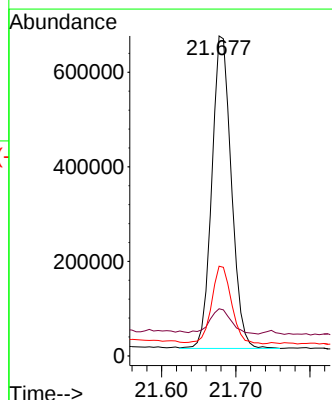
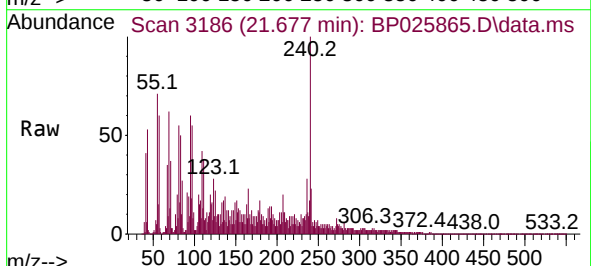
Tgt Ion:240 Resp: 1208631

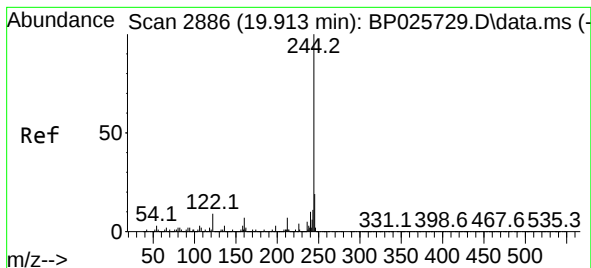
Ion Ratio Lower Upper

240 100

120 14.7 8.0 12.0#

236 28.0 20.7 31.1





#79

Terphenyl-d14

Concen: 39.709 ng

RT: 19.972 min Scan# 2886

Delta R.T. 0.059 min

Lab File: BP025865.D

Acq: 25 Sep 2025 20:13

Instrument :

BNA_P

ClientSampleId :

TOTES COMP#2

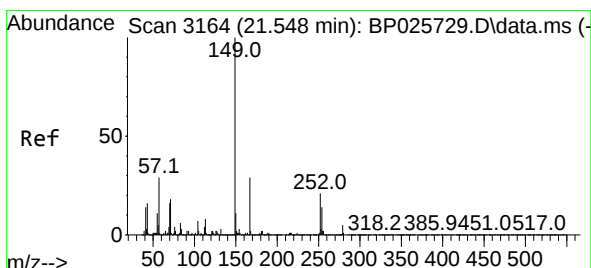
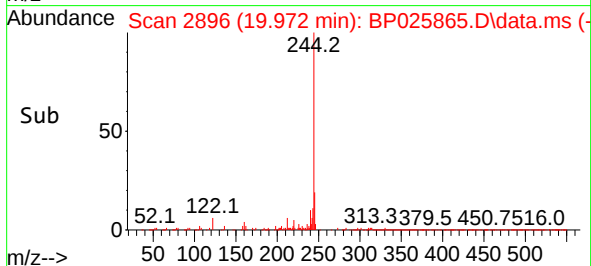
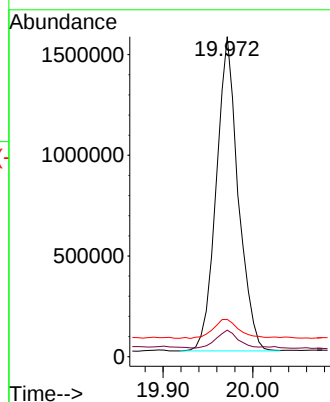
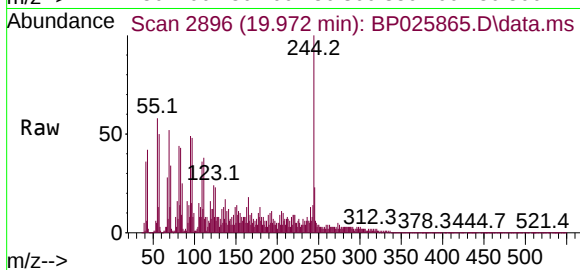
Tgt Ion:244 Resp: 2667811

Ion Ratio Lower Upper

244 100

212 8.3 5.9 8.9

122 11.6 7.1 10.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.343 ng

RT: 21.566 min Scan# 3167

Delta R.T. 0.018 min

Lab File: BP025865.D

Acq: 25 Sep 2025 20:13

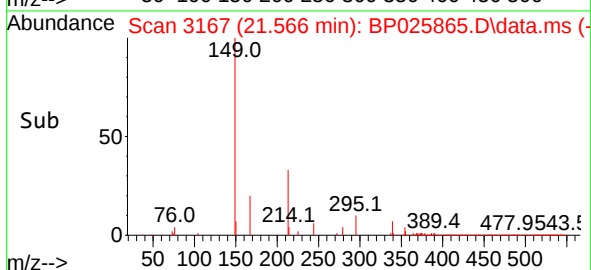
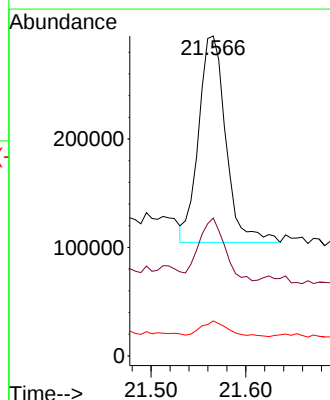
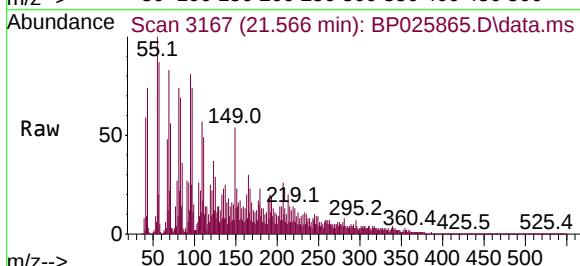
Tgt Ion:149 Resp: 379892

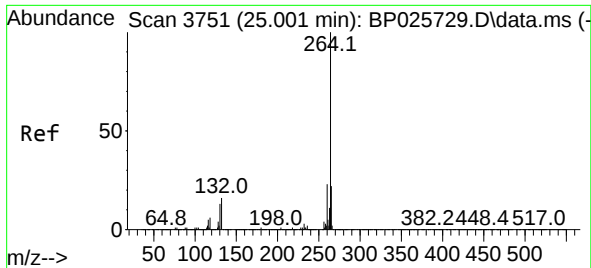
Ion Ratio Lower Upper

149 100

167 43.1 22.9 34.3#

279 10.9 3.8 5.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP025865.D
Acq: 25 Sep 2025 20:13

Instrument :
BNA_P
ClientSampleId :
TOTES COMP#2

Tgt Ion:264 Resp: 1333731

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	23.1	17.3	25.9

