

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129242.D
 Acq On : 15 Jul 2022 17:10
 Operator : CG\JU
 Sample : N3649-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2-UC

Quant Time: Jul 16 01:41:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

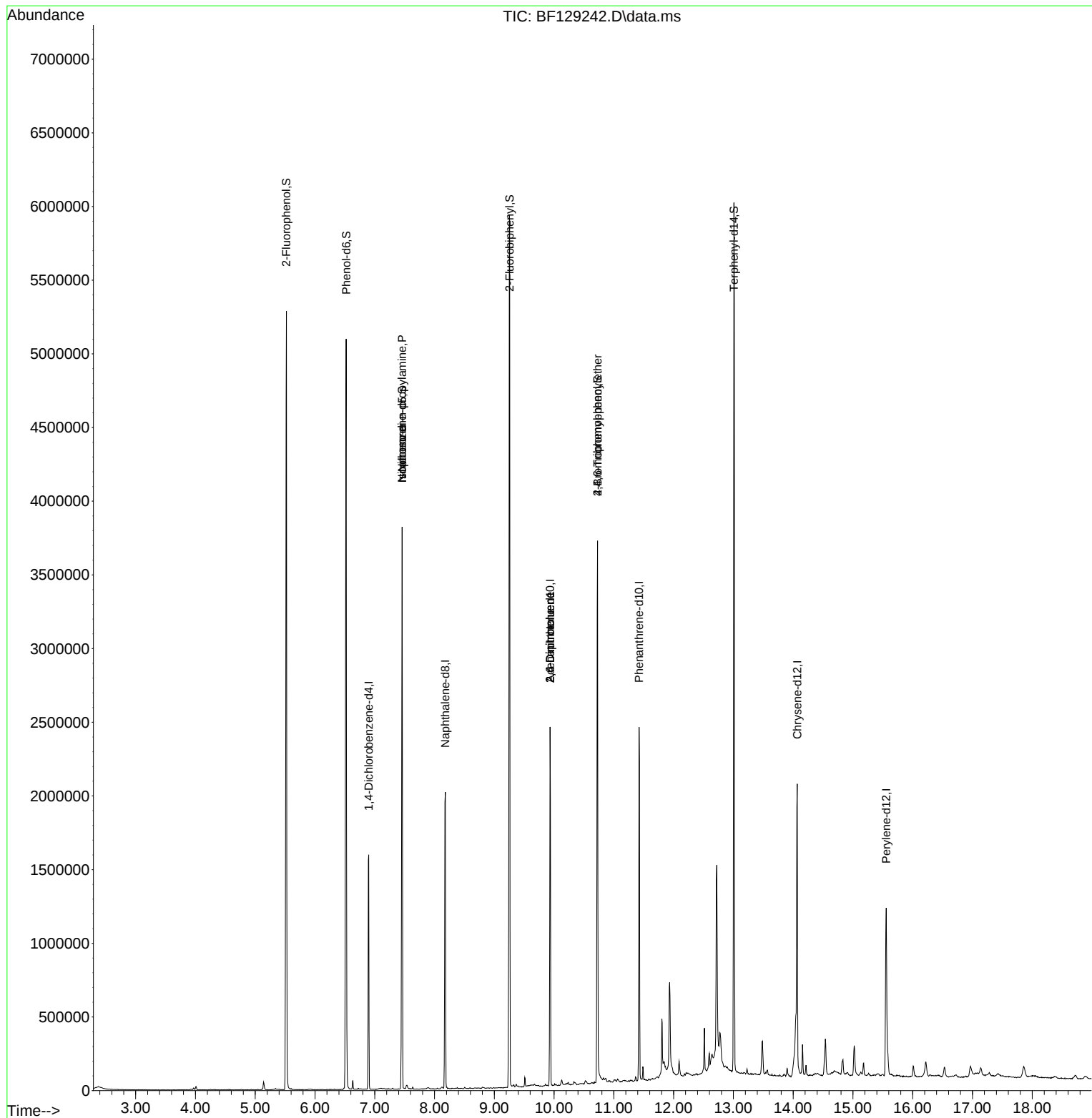
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	237066	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	966553	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	510858	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	869031	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	634224	20.000	ng	0.00
86) Perylene-d12	15.556	264	480426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1521679	102.512	ng	0.00
7) Phenol-d6	6.522	99	1940749	101.088	ng	0.00
23) Nitrobenzene-d5	7.457	82	1201367	66.441	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	446987	94.269	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2040740	67.679	ng	0.00
79) Terphenyl-d14	13.010	244	2054394	60.596	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	159627	14.136	ng	# 75
25) Isophorone	7.457	82	1199429	39.468	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	66552	9.277	ng	# 26
57) 2,4-Dinitrotoluene	9.933	165	66553	7.075	ng	# 21
67) 4-Bromophenyl-phenylether	10.727	248	29234	3.196	ng	# 1

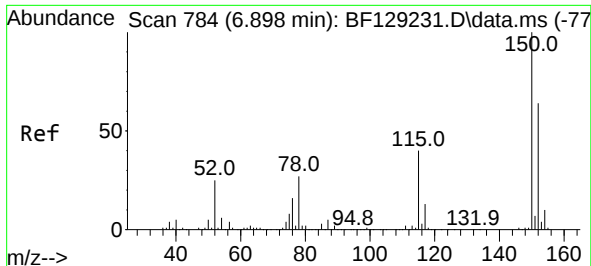
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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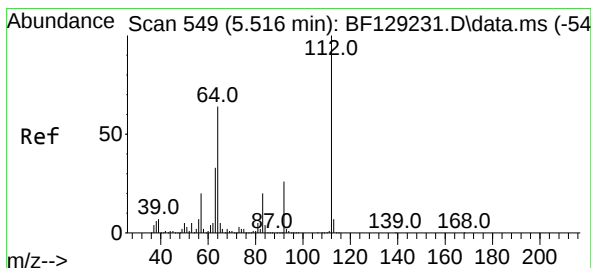
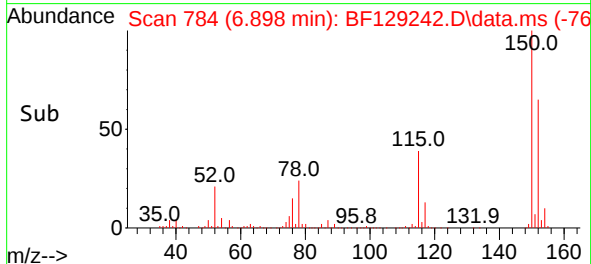
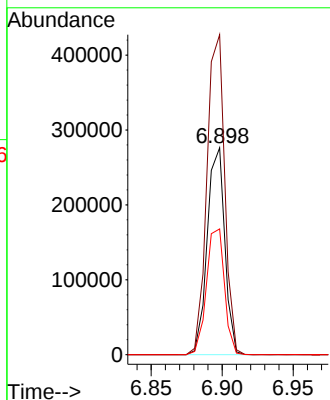
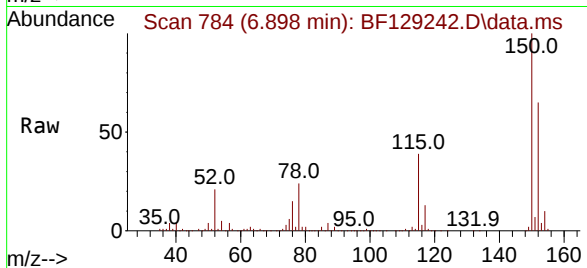




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129242.D
 Acq: 15 Jul 2022 17:10

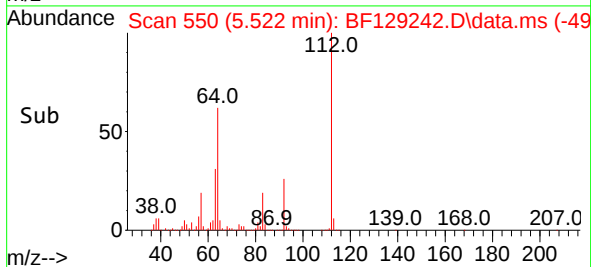
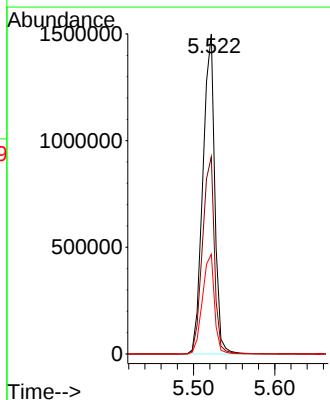
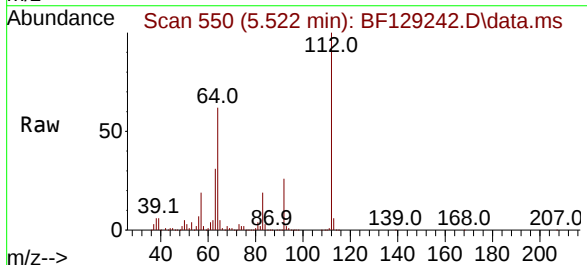
Instrument :
 BNA_F
 ClientSampleId :
 A-2-UC

Tgt Ion:152 Resp: 237066
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.7 185.5
 115 60.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 102.512 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.006 min
 Lab File: BF129242.D
 Acq: 15 Jul 2022 17:10

Tgt Ion:112 Resp: 1521679
 Ion Ratio Lower Upper
 112 100
 64 61.6 53.3 79.9
 63 31.1 28.0 42.0

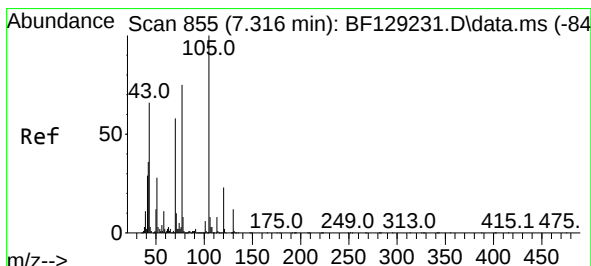
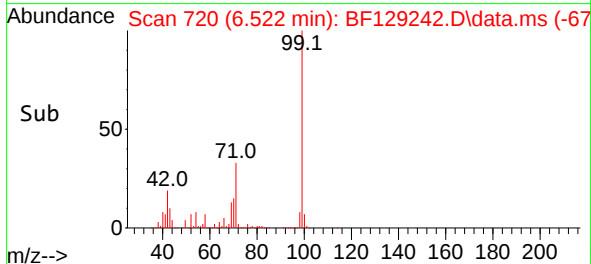
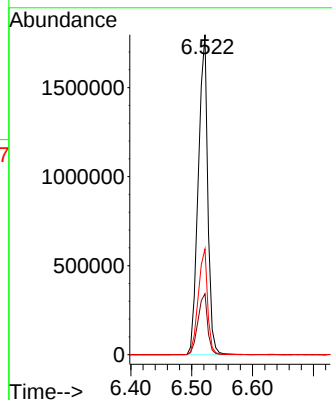
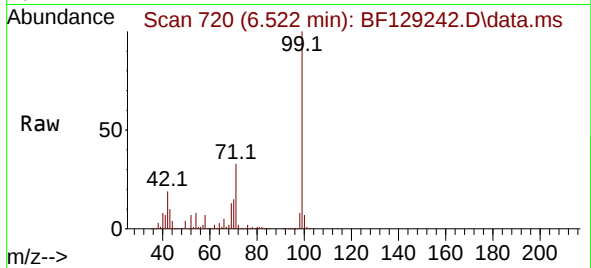




#7
Phenol-d6
Concen: 101.088 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

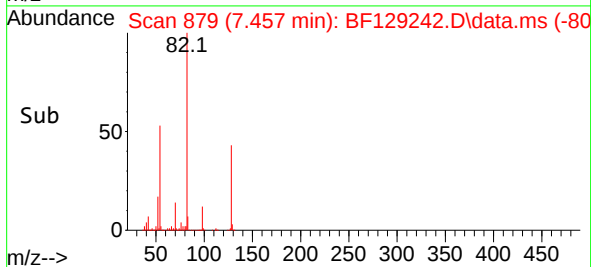
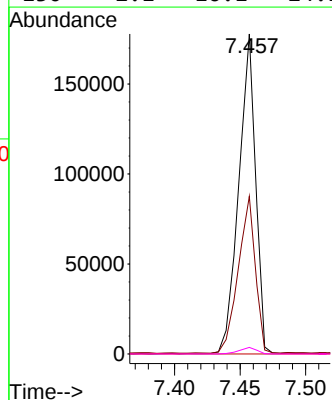
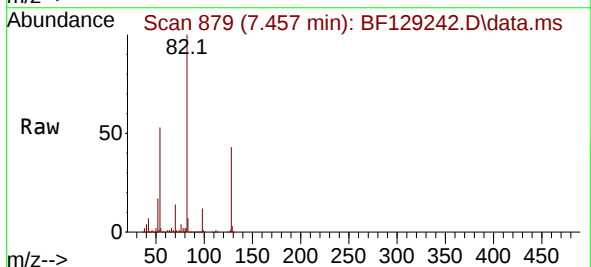
Instrument :
BNA_F
ClientSampleId :
A-2-UC

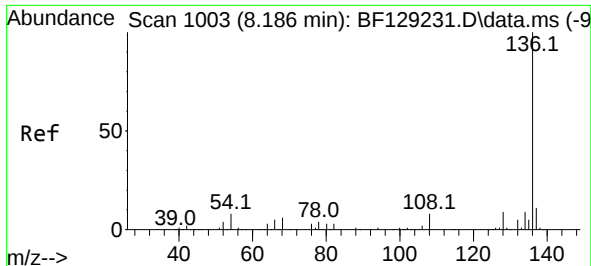
Tgt Ion: 99 Resp: 1940749
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 33.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.136 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

Tgt Ion: 70 Resp: 159627
Ion Ratio Lower Upper
70 100
42 49.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

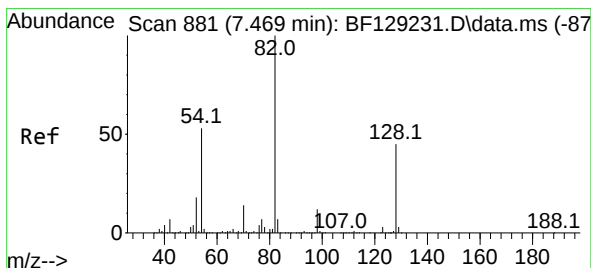
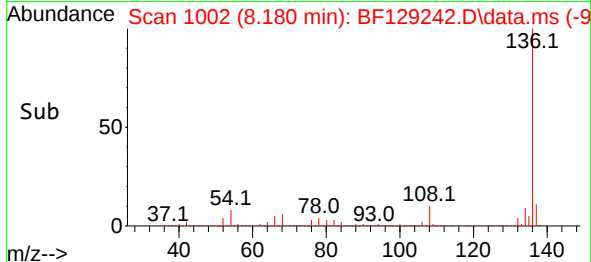
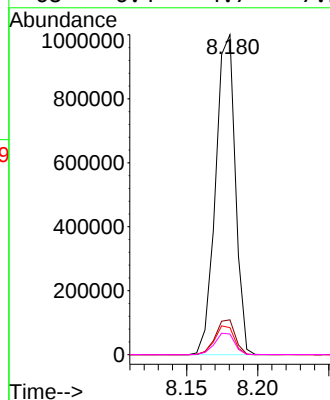
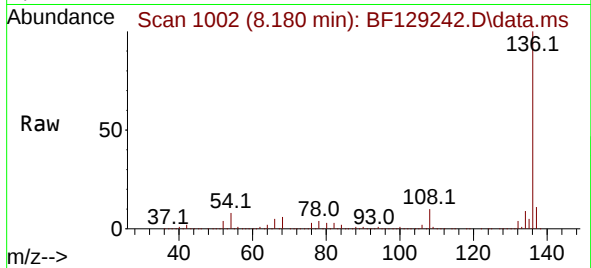




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

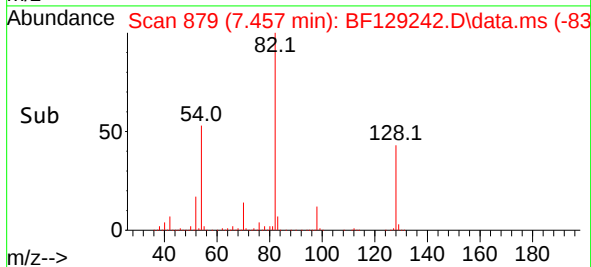
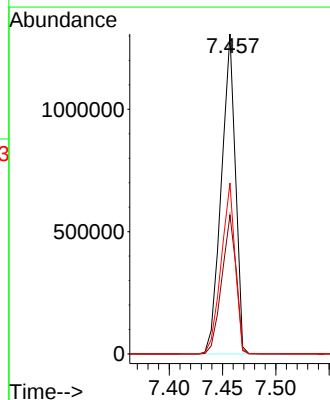
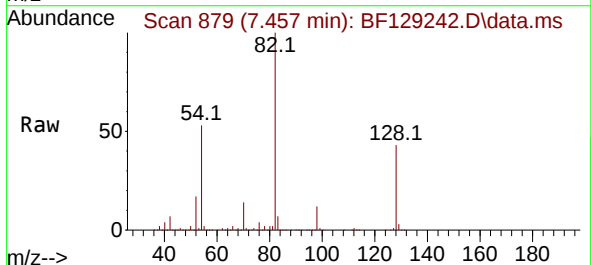
Instrument :
BNA_F
ClientSampleId :
A-2-UC

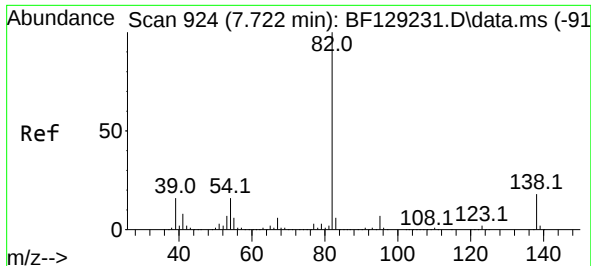
Tgt Ion:136	Resp: 966553
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 8.5	7.5 11.3
68 6.4	4.7 7.1



#23
Nitrobenzene-d5
Concen: 66.441 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

Tgt Ion: 82		Resp: 1201367	
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	53.4	46.9	70.3

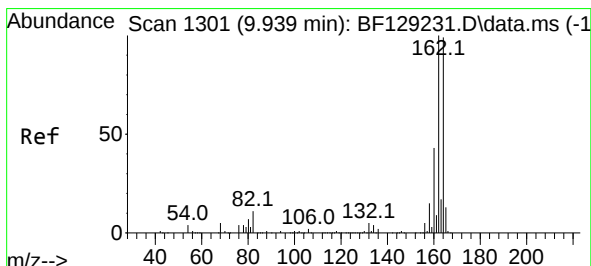
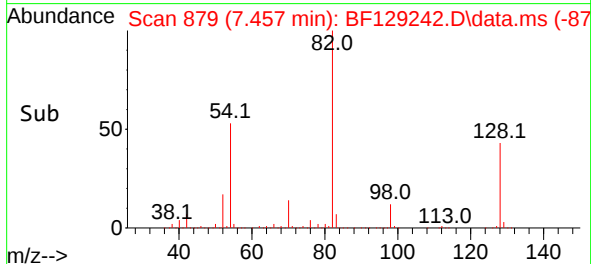
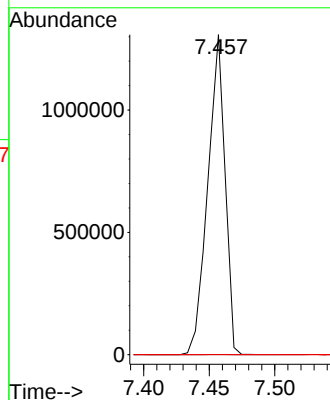
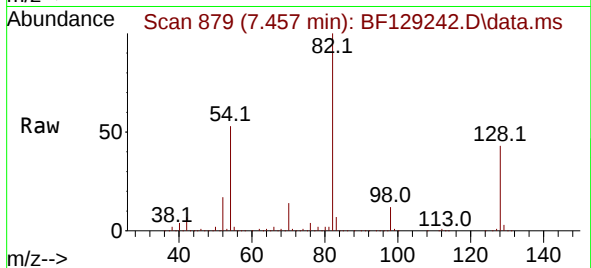




#25
Isophorone
Concen: 39.468 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

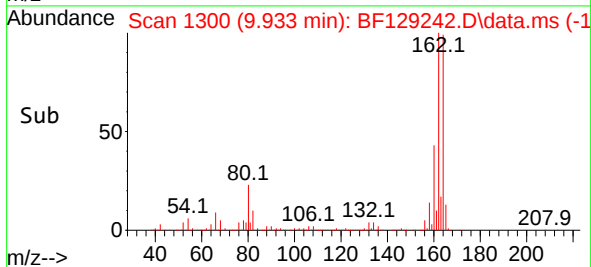
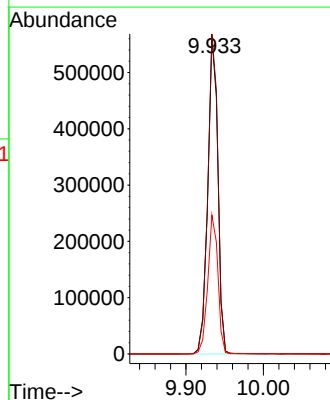
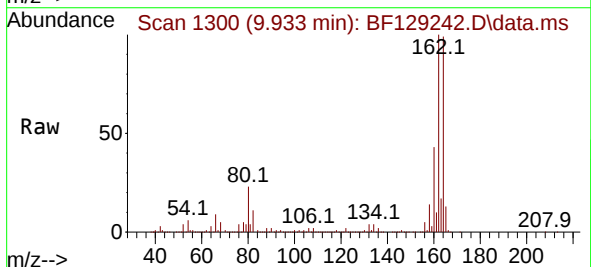
Instrument :
BNA_F
ClientSampleId :
A-2-UC

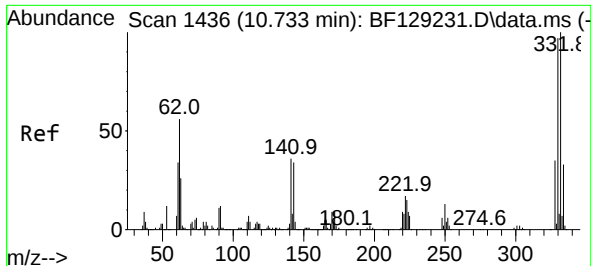
Tgt Ion: 82 Resp: 1199429
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

Tgt Ion:164 Resp: 510858
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 94.269 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129242.D

Acq: 15 Jul 2022 17:10

Instrument :

BNA_F

ClientSampleId :

A-2-UC

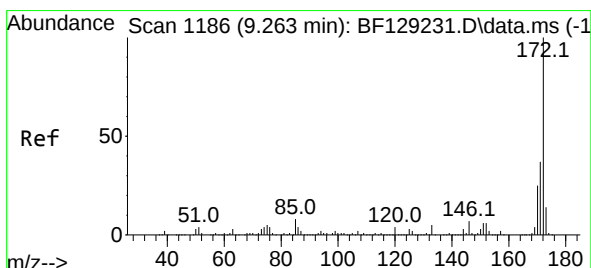
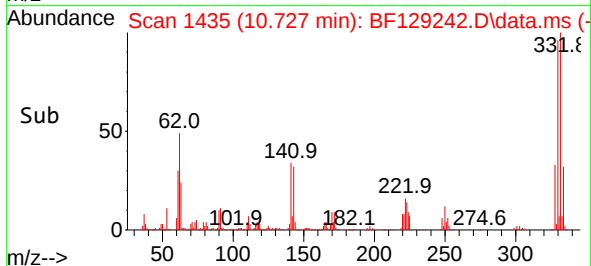
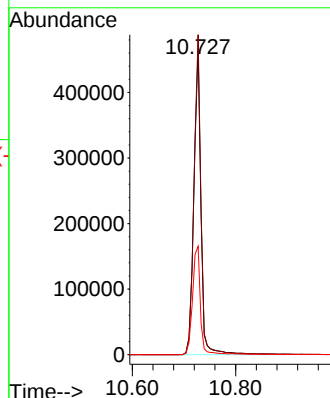
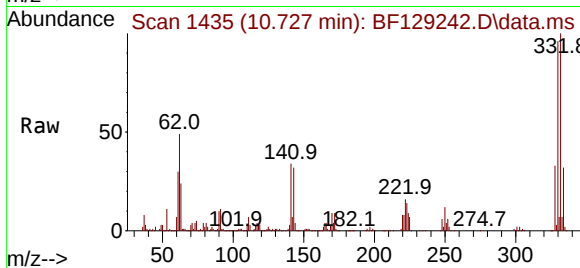
Tgt Ion:330 Resp: 446987

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 39.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.679 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129242.D

Acq: 15 Jul 2022 17:10

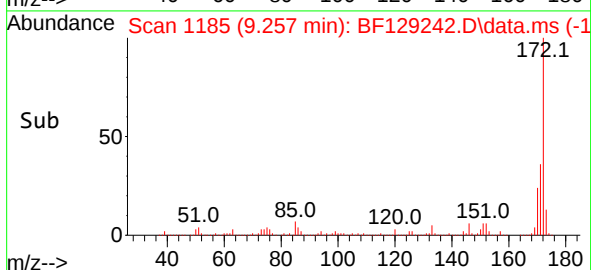
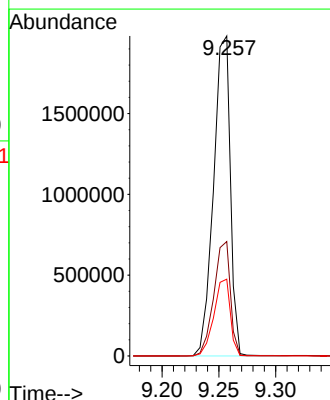
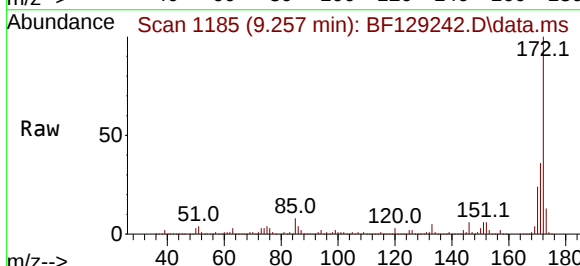
Tgt Ion:172 Resp: 2040740

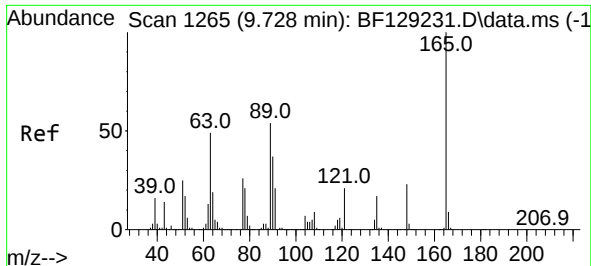
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.277 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF129242.D

Acq: 15 Jul 2022 17:10

Instrument :

BNA_F

ClientSampleId :

A-2-UC

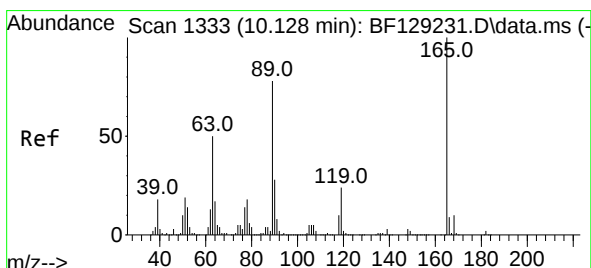
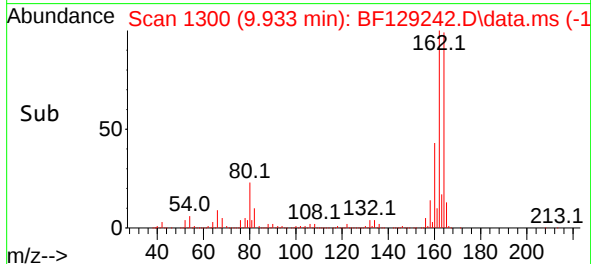
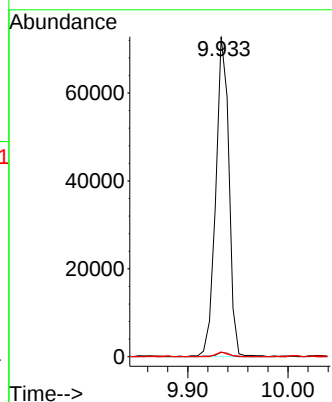
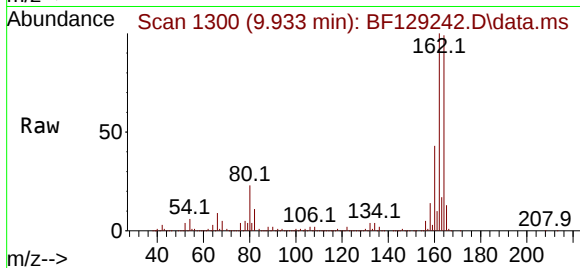
Tgt Ion:165 Resp: 66552

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.075 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF129242.D

Acq: 15 Jul 2022 17:10

Tgt Ion:165 Resp: 66553

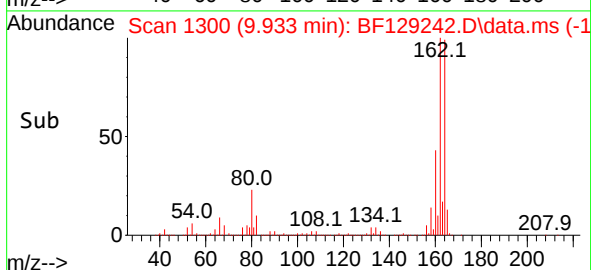
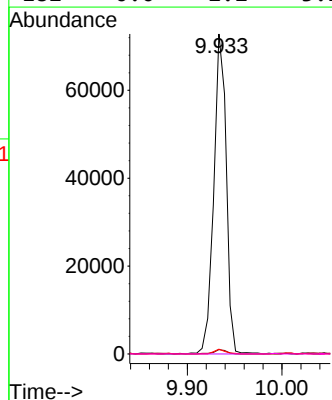
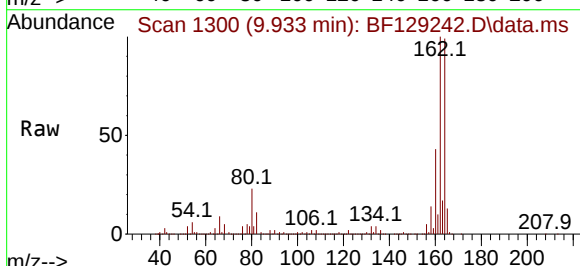
Ion Ratio Lower Upper

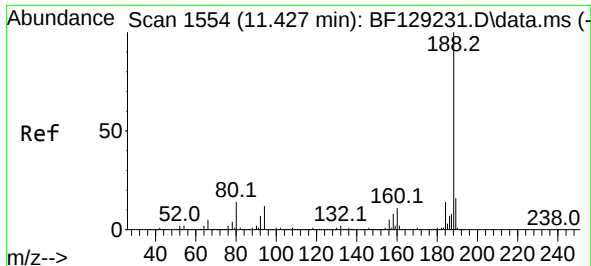
165 100

63 1.3 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

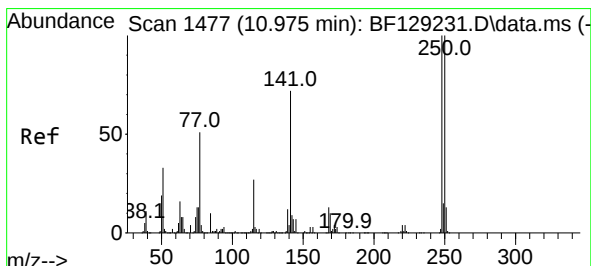
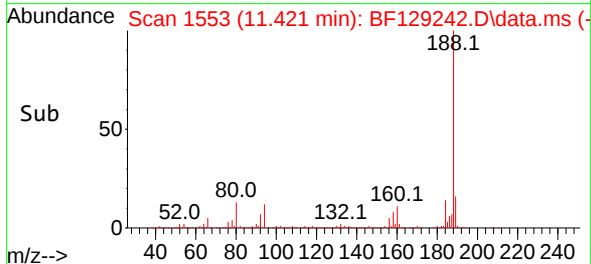
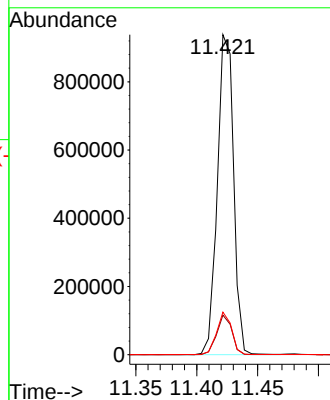
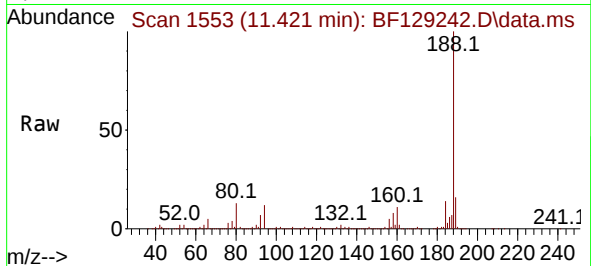




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

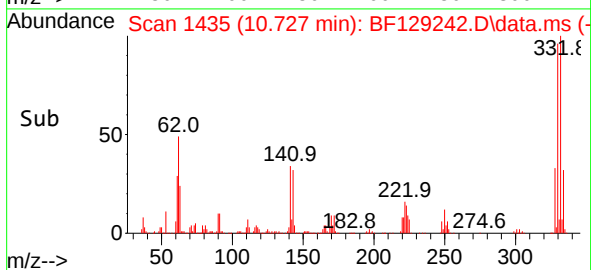
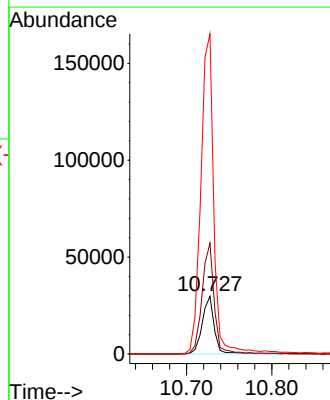
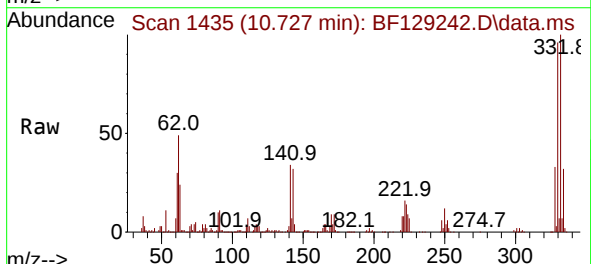
Instrument :
BNA_F
ClientSampleId :
A-2-UC

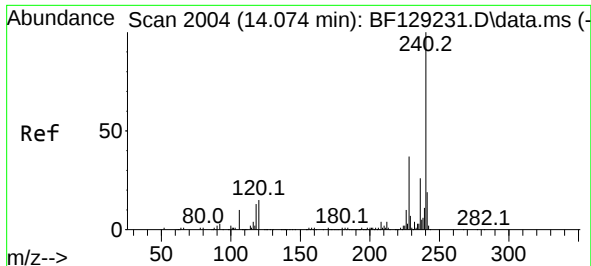
Tgt Ion:188 Resp: 869031
Ion Ratio Lower Upper
188 100
94 12.3 7.0 10.6#
80 13.3 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.196 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.247 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

Tgt Ion:248 Resp: 29234
Ion Ratio Lower Upper
248 100
250 192.2 80.6 120.8#
141 555.5 58.9 88.3#

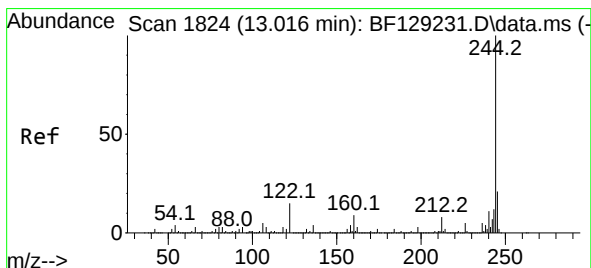
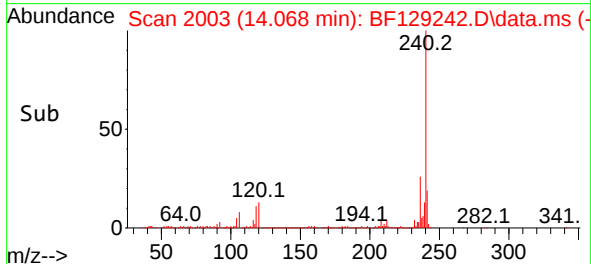
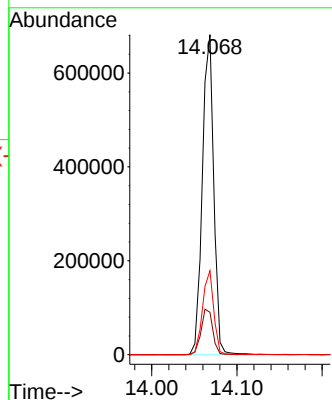
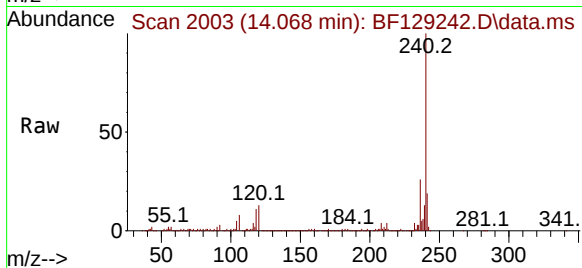




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

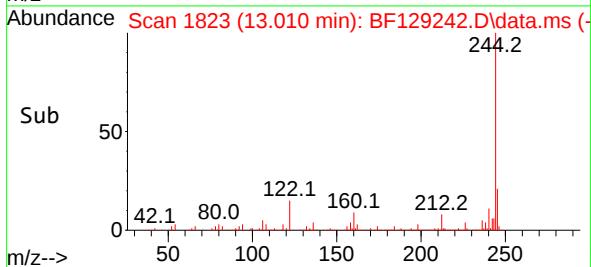
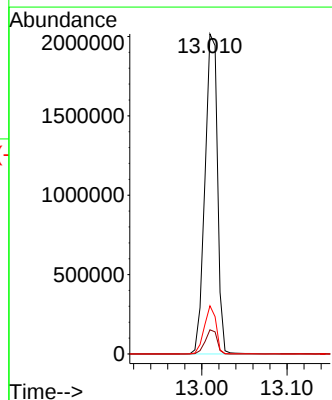
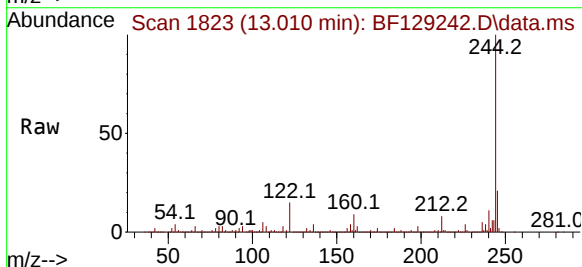
Instrument :
BNA_F
ClientSampleId :
A-2-UC

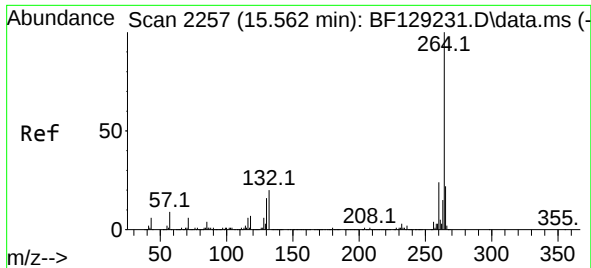
Tgt Ion:240 Resp: 634224
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 60.596 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF129242.D
Acq: 15 Jul 2022 17:10

Tgt Ion:244 Resp: 2054394
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 15.1 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129242.D
 Acq: 15 Jul 2022 17:10

Instrument :
 BNA_F
 ClientSampleId :
 A-2-UC

Tgt Ion:264 Resp: 480426
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.0 17.2 25.8

