

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124648.D
 Acq On : 21 Jul 2021 2:34
 Operator : JU/CG
 Sample : M3051-09 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41213

Quant Time: Jul 21 03:14:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

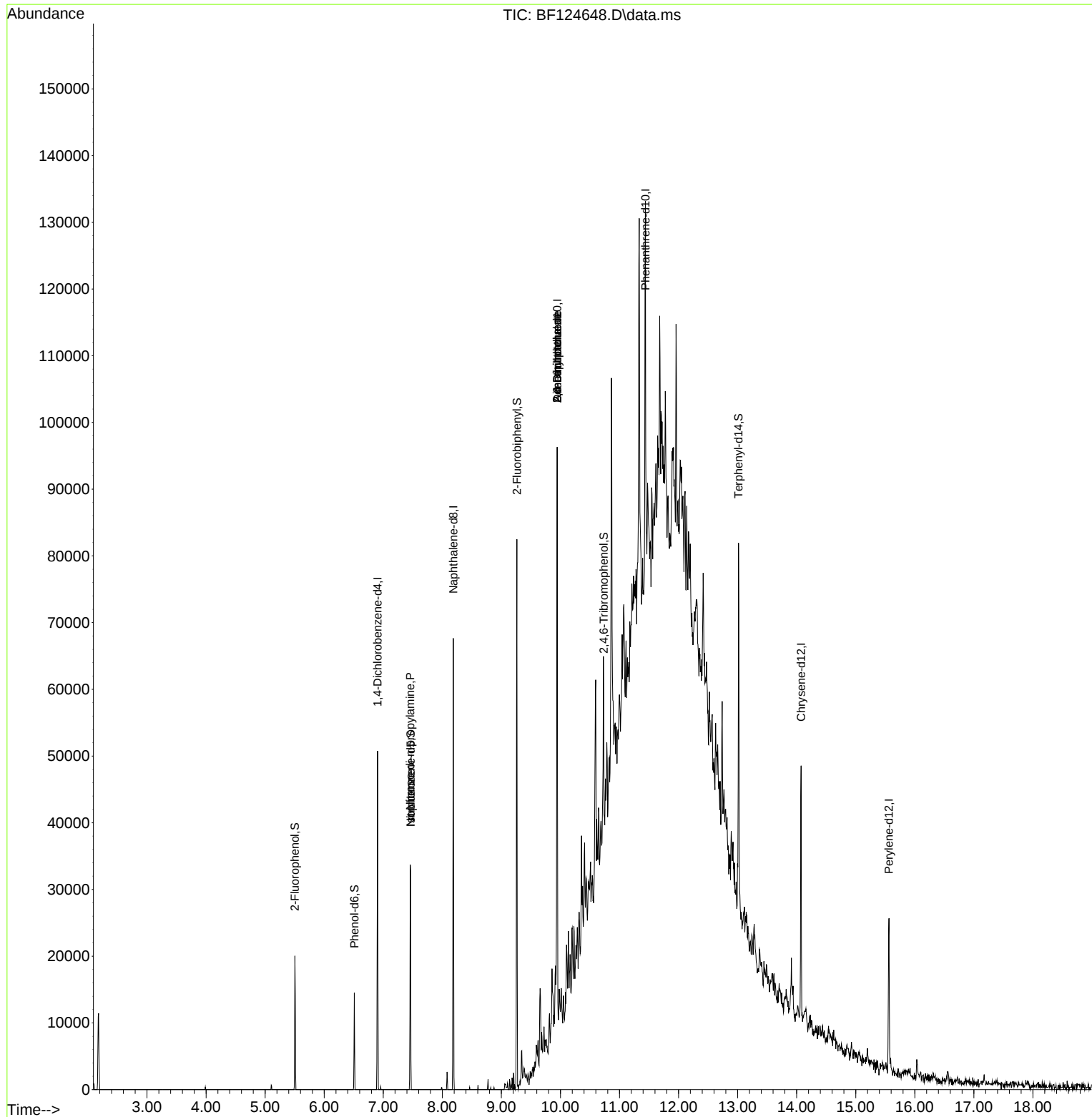
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6997	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	26301	20.00	ng	-0.02
39) Acenaphthene-d10	9.945	164	12404	20.00	ng	-0.01
64) Phenanthrene-d10	11.439	188	17631	20.00	ng	0.00
76) Chrysene-d12	14.074	240	13866	20.00	ng	-0.01
86) Perylene-d12	15.562	264	11176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	5492	13.60	ng	-0.03
7) Phenol-d6	6.510	99	4180	8.51	ng	-0.04
23) Nitrobenzene-d5	7.463	82	9906	23.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	2526	26.17	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	23097	27.15	ng	-0.02
79) Terphenyl-d14	13.016	244	15789	19.12	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	1184	4.29	ng	# 78
25) Isophorone	7.463	82	9905	12.95	ng	# 59
50) Dimethylphthalate	9.945	163	2477	2.87	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	1946	11.44	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1946	8.36	ng	# 18

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

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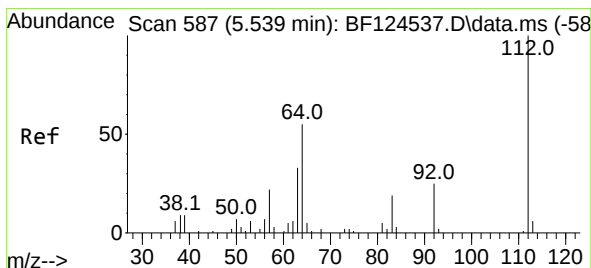
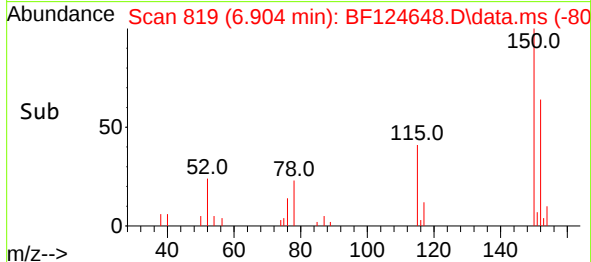
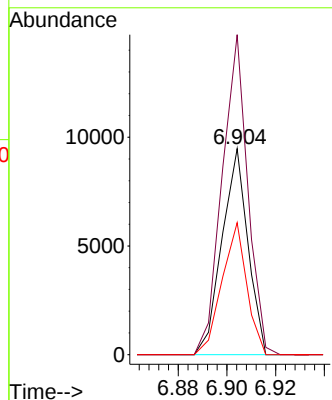
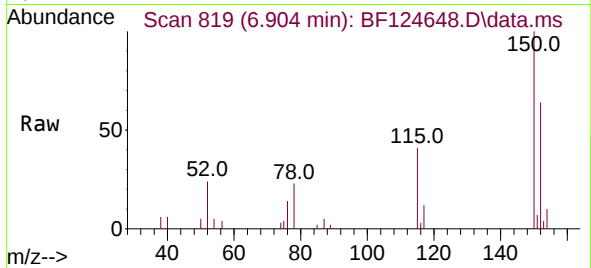




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

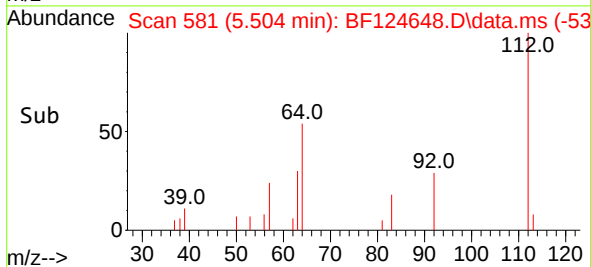
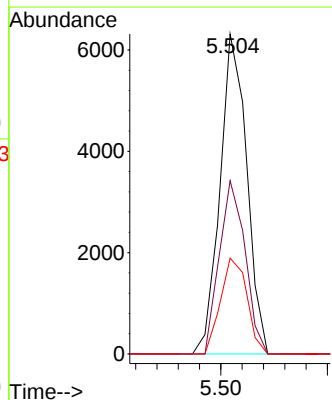
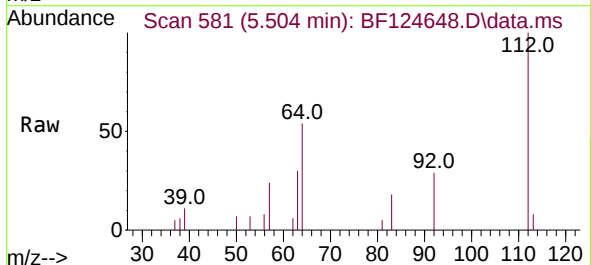
Instrument :
BNA_F
ClientSampled :
41213

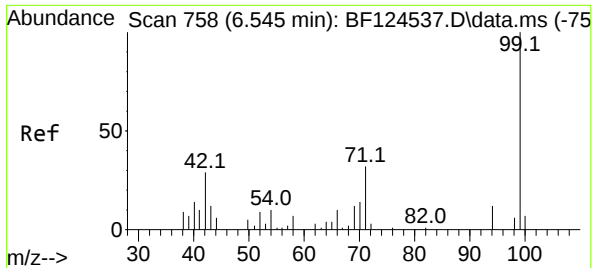
Tgt Ion:152 Resp: 6997
Ion Ratio Lower Upper
152 100
150 155.2 117.6 176.4
115 64.0 47.1 70.7



#5
2-Fluorophenol
Concen: 13.60 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.029 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion:112 Resp: 5492
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 29.9 26.2 39.2

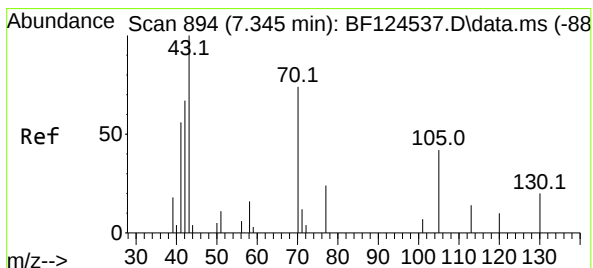
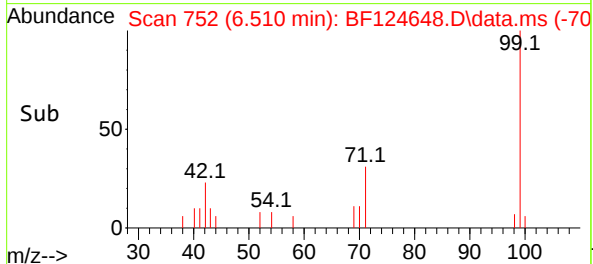
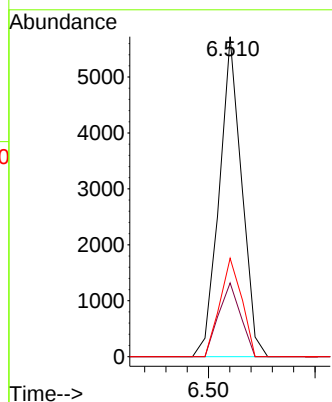
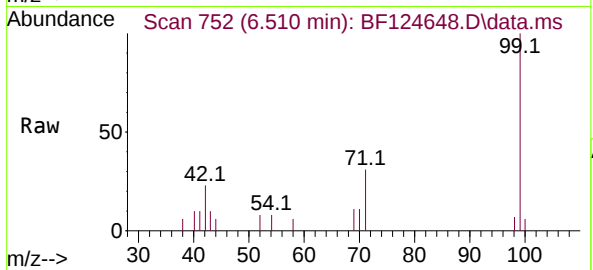




#7
Phenol-d6
Concen: 8.51 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.035 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

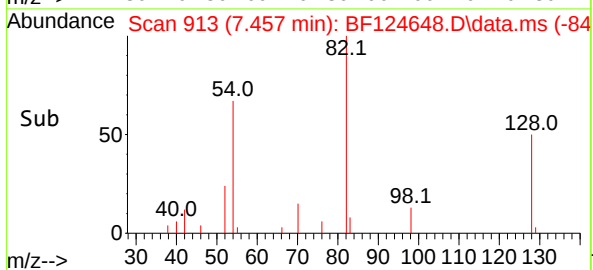
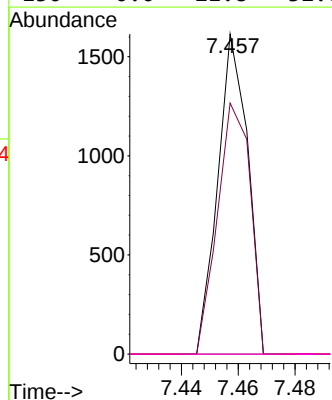
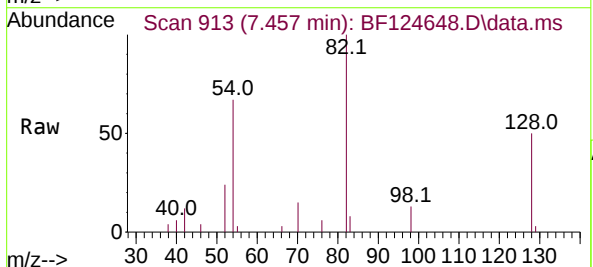
Instrument :
BNA_F
ClientSampled :
41213

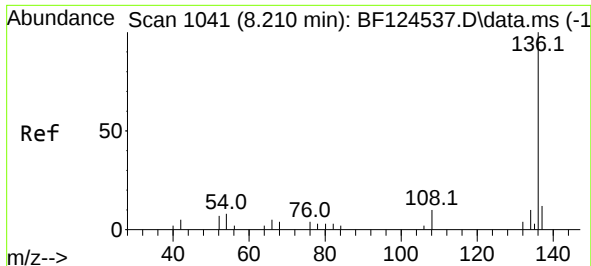
Tgt Ion: 99 Resp: 4180
Ion Ratio Lower Upper
99 100
42 23.1 23.5 35.3#
71 30.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.29 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.124 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion: 70 Resp: 1184
Ion Ratio Lower Upper
70 100
42 78.4 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

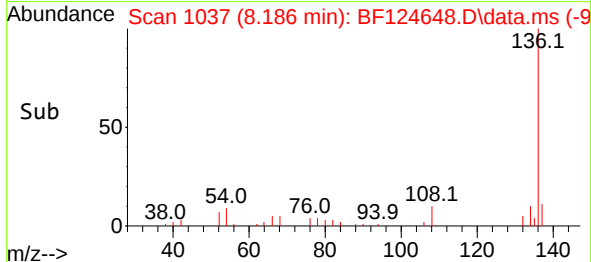
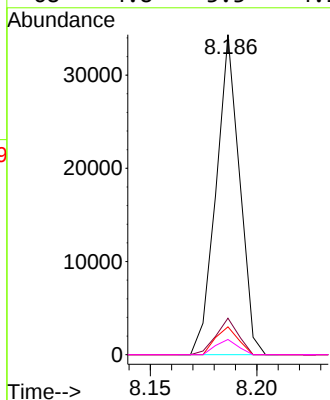
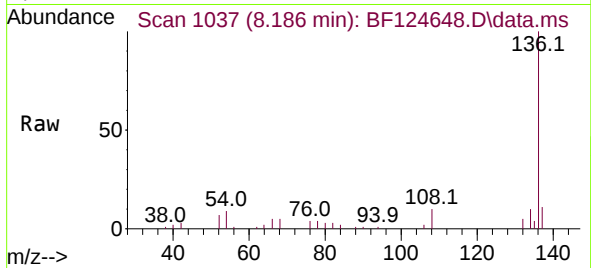




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

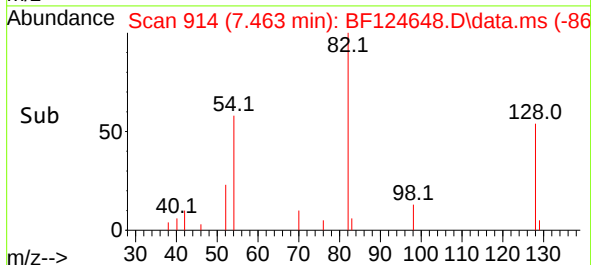
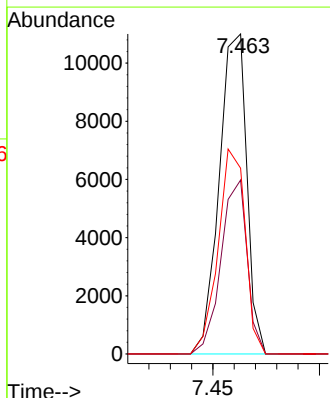
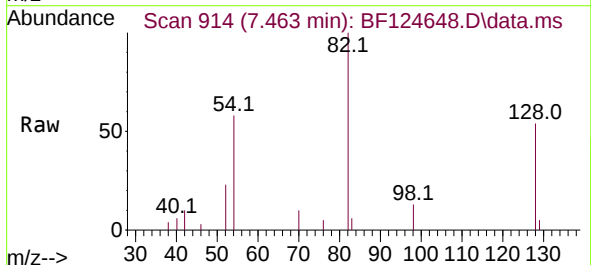
Instrument :
BNA_F
ClientSampled :
41213

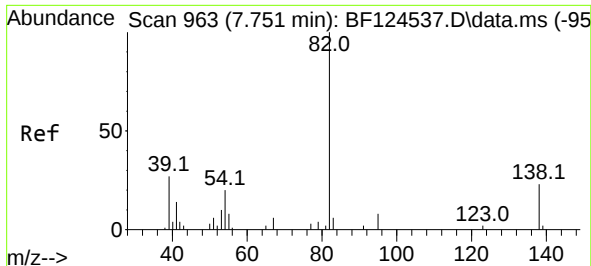
Tgt Ion:	136	Resp:	26301
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.8	14.6
54	8.7	6.4	9.6
68	4.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 23.78 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion:	82	Resp:	9906
Ion Ratio	Lower	Upper	
82	100		
128	54.3	40.6	60.8
54	58.0	49.6	74.4

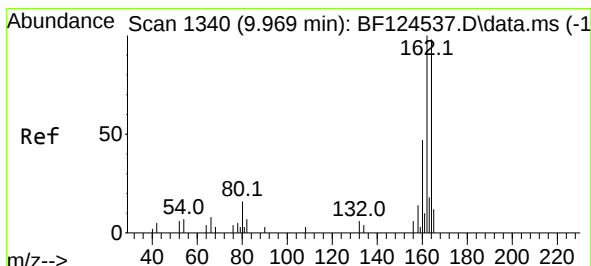
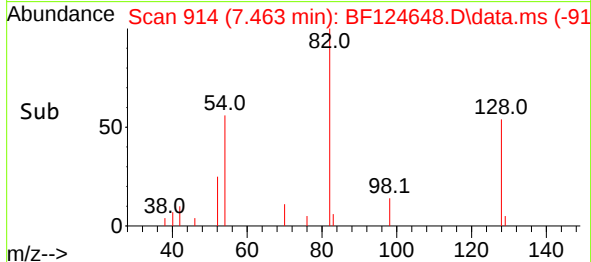
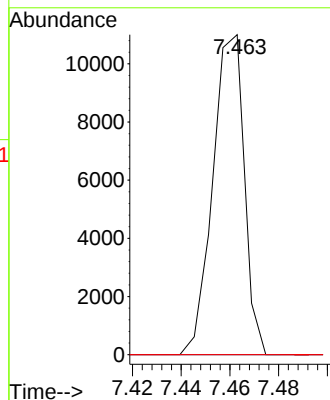
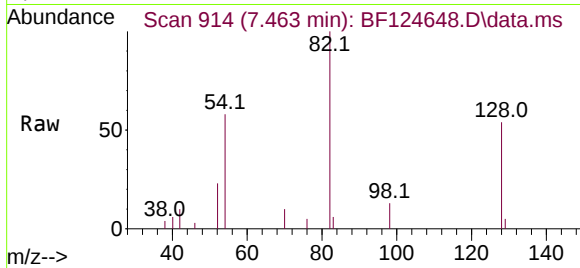




#25
Isophorone
Concen: 12.95 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

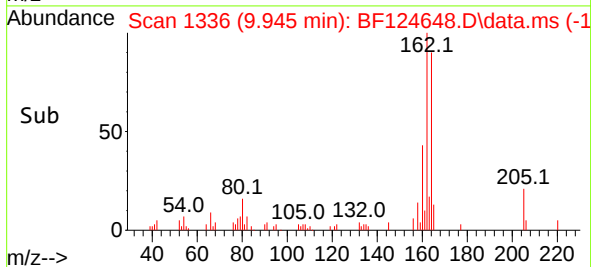
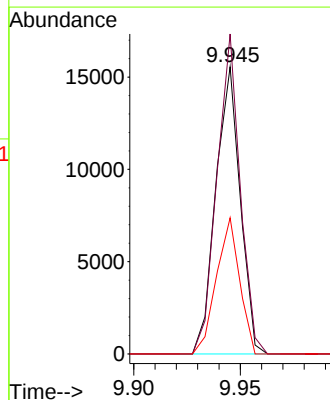
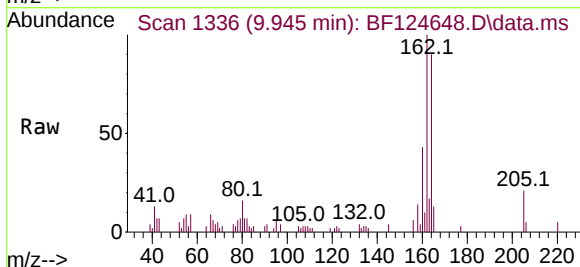
Instrument :
BNA_F
ClientSampleId :
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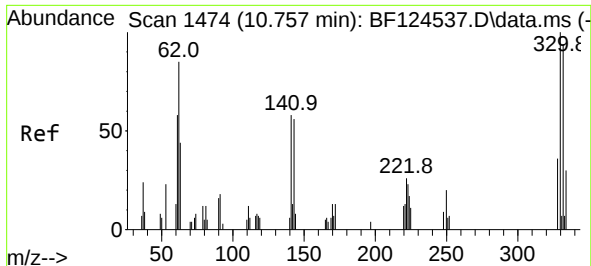
Tgt Ion: 82 Resp: 9905
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion: 164 Resp: 12404
Ion Ratio Lower Upper
164 100
162 111.4 81.3 121.9
160 47.4 38.0 57.0

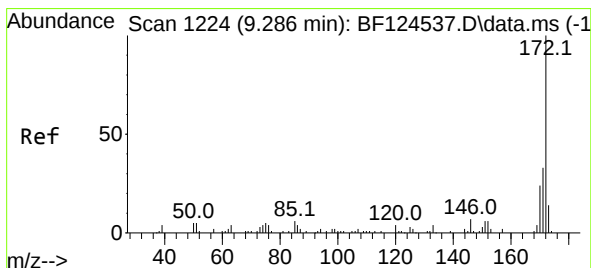
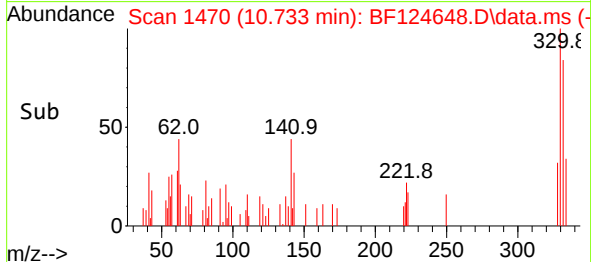
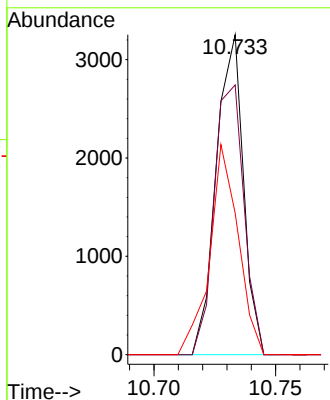
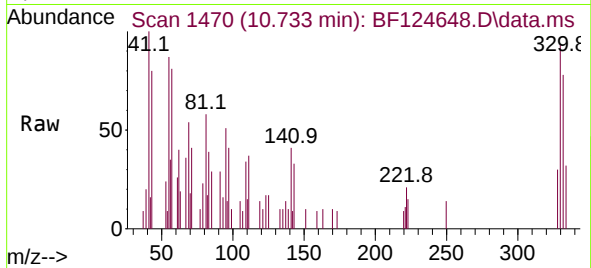




#42
2,4,6-Tribromophenol
Concen: 26.17 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

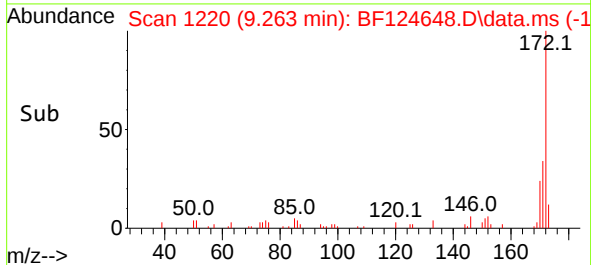
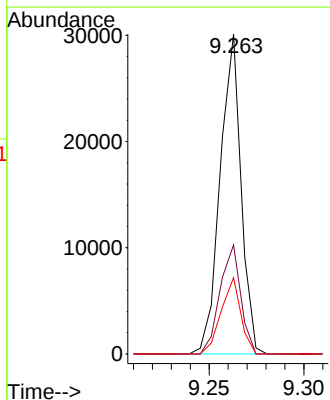
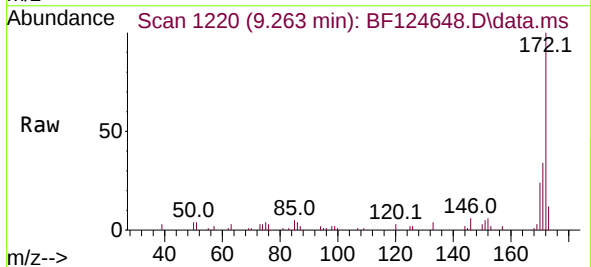
Instrument :
BNA_F
ClientSampleId :
41213

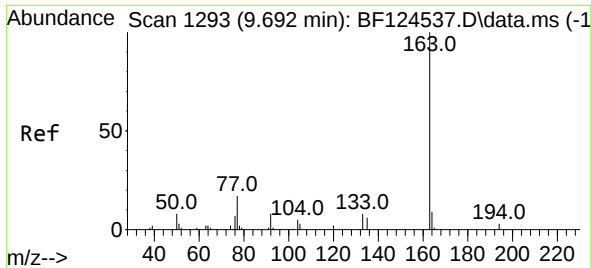
Tgt Ion: 330 Resp: 2526
Ion Ratio Lower Upper
330 100
332 92.6 76.2 114.4
141 68.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 27.15 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.017 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion: 172 Resp: 23097
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.9 18.8 28.2

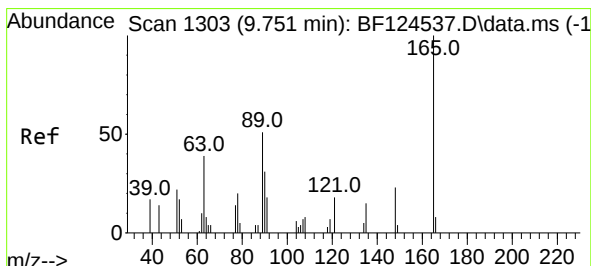
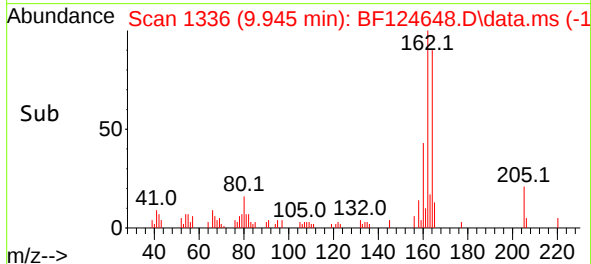
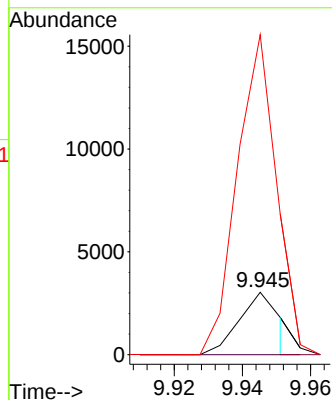
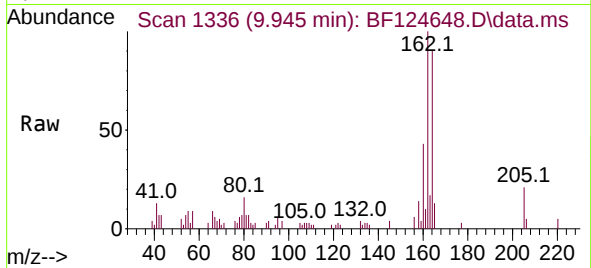




#50
Dimethylphthalate
Concen: 2.87 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

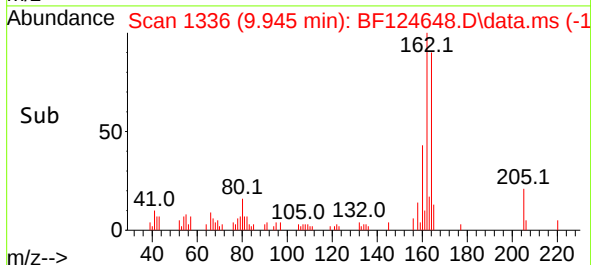
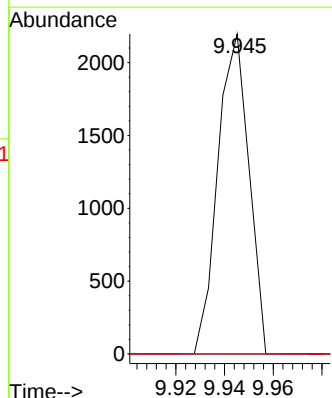
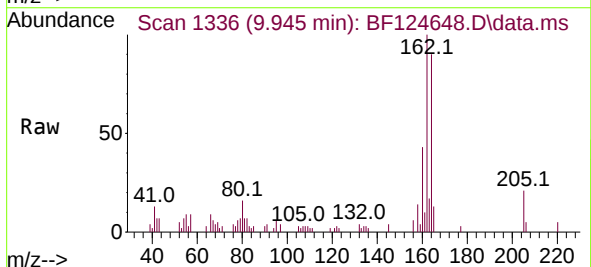
Instrument :
BNA_F
ClientSampled :
41213

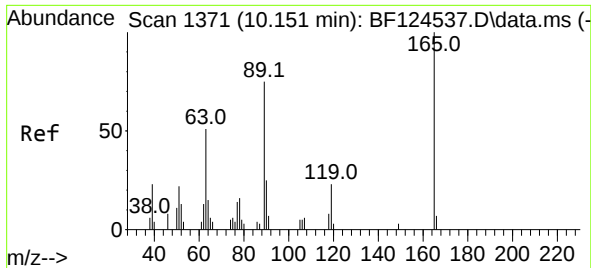
Tgt Ion:163 Resp: 2477
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 513.2 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 11.44 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion:165 Resp: 1946
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

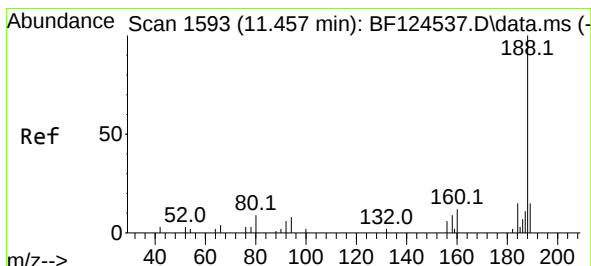
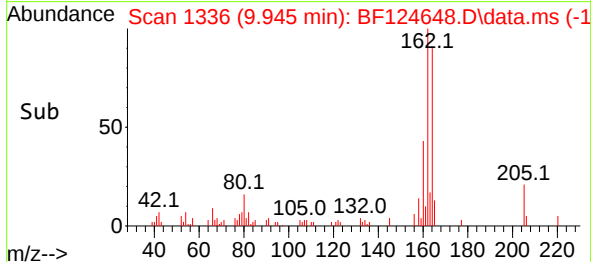
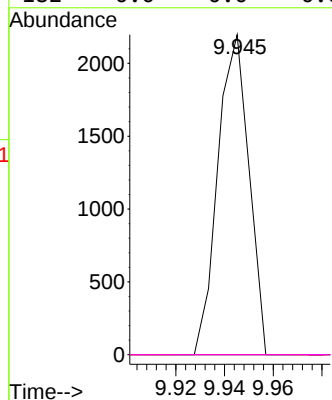
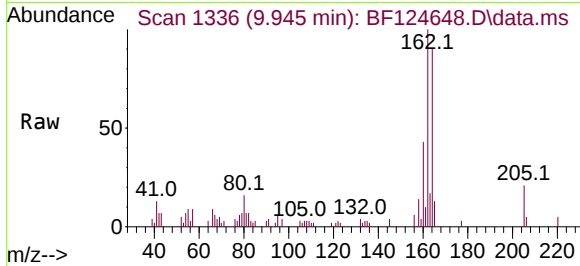




#57
2,4-Dinitrotoluene
Concen: 8.36 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

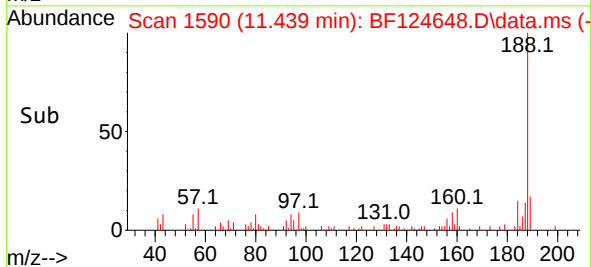
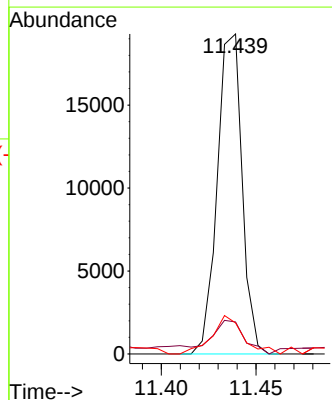
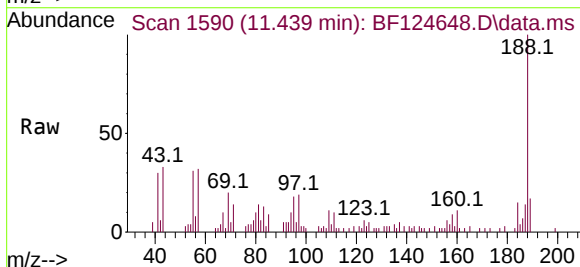
Instrument :
BNA_F
ClientSampleId :
41213

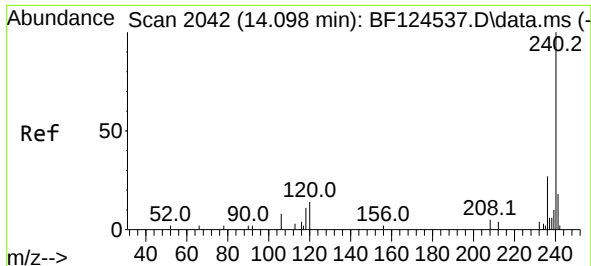
Tgt Ion:165 Resp: 1946
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

Tgt Ion:188 Resp: 17631
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 9.7 7.5 11.3

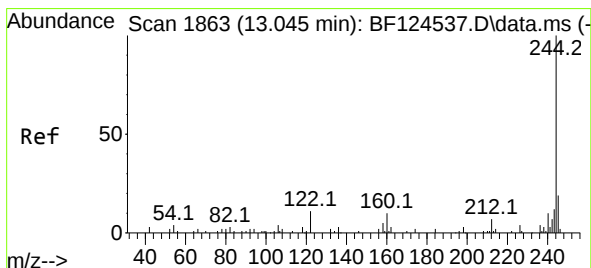
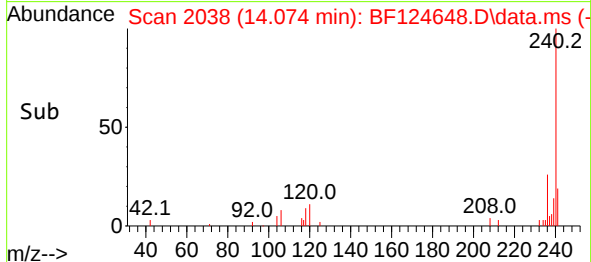
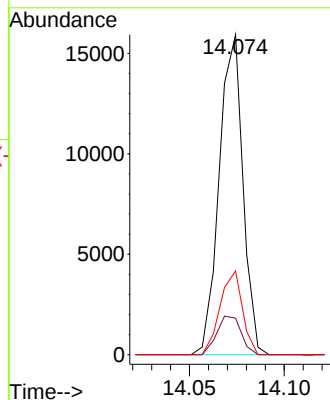
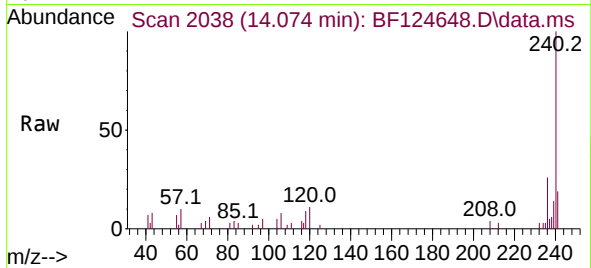




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

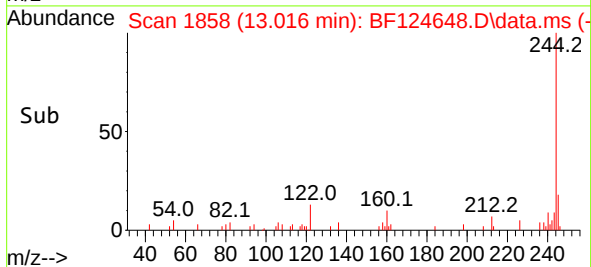
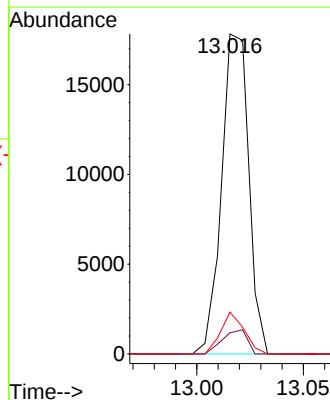
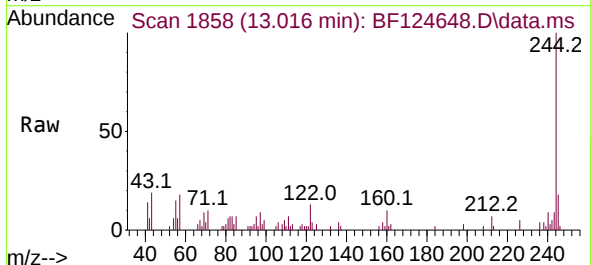
Instrument :
BNA_F
ClientSampled :
41213

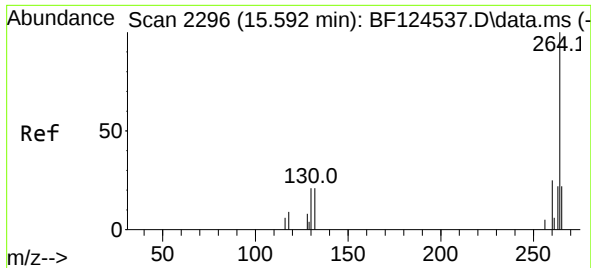
Tgt Ion:240 Resp: 13866
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 19.12 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124648.D
Acq: 21 Jul 2021 2:34

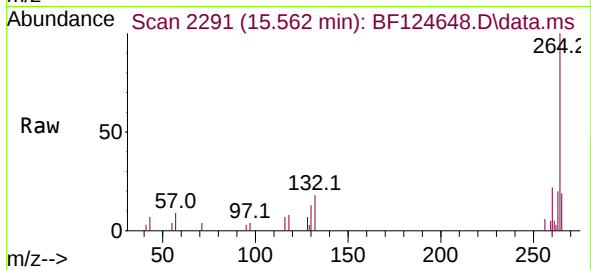
Tgt Ion:244 Resp: 15789
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 13.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF124648.D
 Acq: 21 Jul 2021 2:34

Instrument :
 BNA_F
 ClientSampleId :
 41213



Tgt Ion:	264	Resp:	11176
Ion Ratio	Lower	Upper	
264	100		
260	22.1	19.6	29.4
265	19.3	17.2	25.8

