

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137894.D
 Acq On : 10 May 2024 21:51
 Operator : CG\JU
 Sample : P2432-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-02-011

Quant Time: May 11 00:44:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

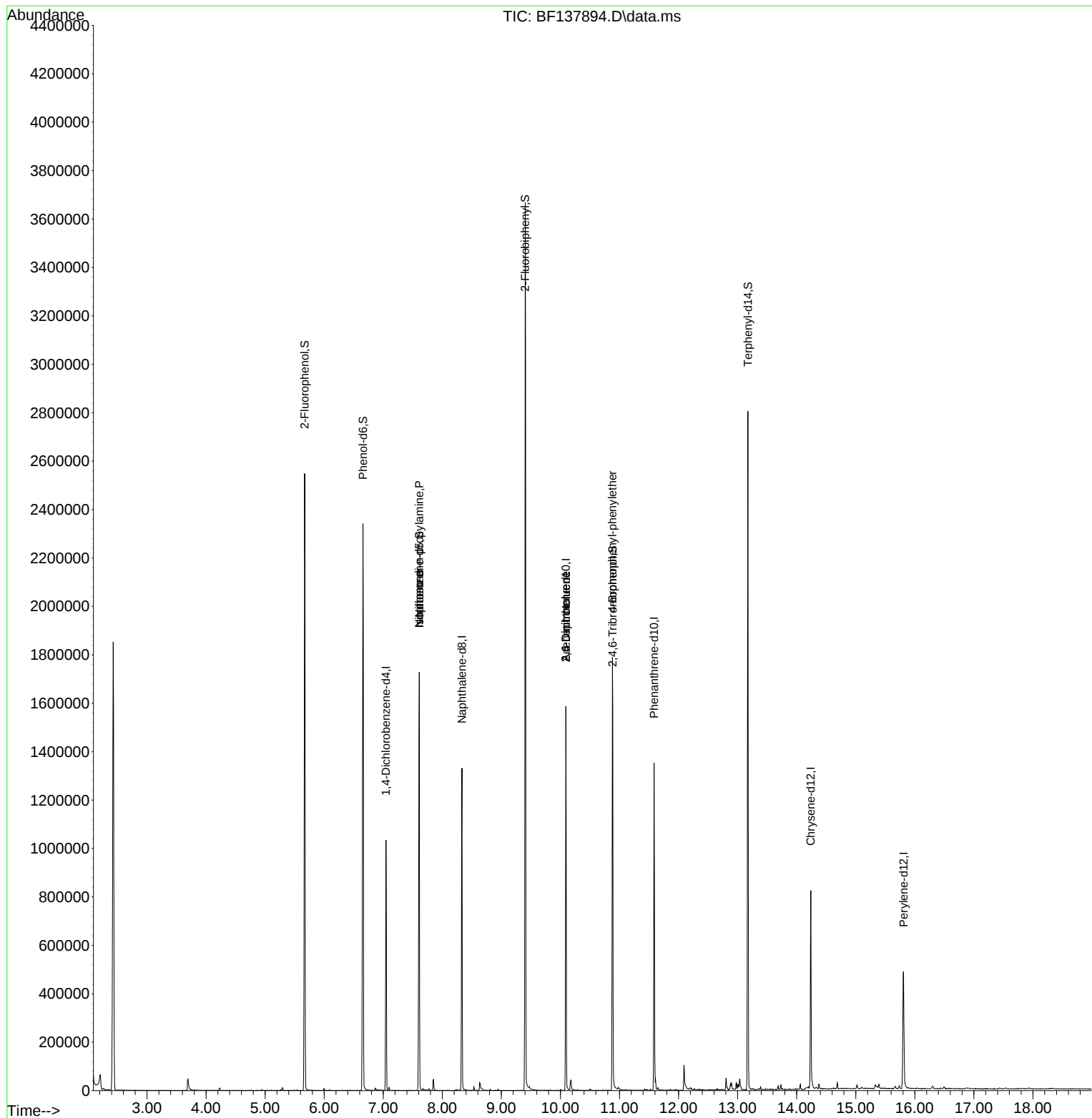
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	149085	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	573263	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	309449	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	460363	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	268242	20.000	ng	-0.01
86) Perylene-d12	15.810	264	250384	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	745835	83.761	ng	0.00
7) Phenol-d6	6.657	99	929908	82.334	ng	-0.02
23) Nitrobenzene-d5	7.610	82	545242	55.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	238499	75.485	ng	-0.01
45) 2-Fluorobiphenyl	9.404	172	1163360	60.992	ng	-0.02
79) Terphenyl-d14	13.174	244	928721	58.023	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	71605	10.609	ng	# 72
25) Isophorone	7.610	82	545236	30.648	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	40156	8.995	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	40280	6.906	ng	# 26
67) 4-Bromophenyl-phenylether	10.880	248	15439	3.134	ng	# 1

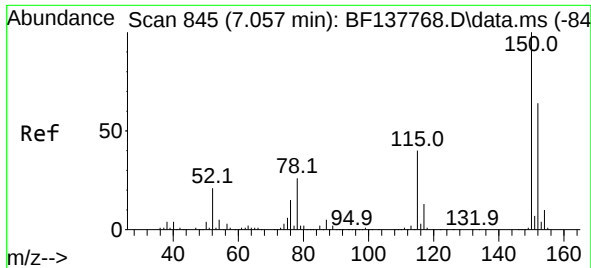
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

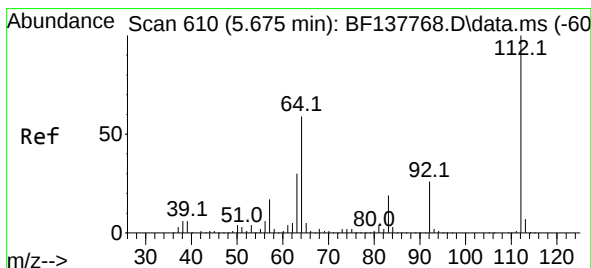
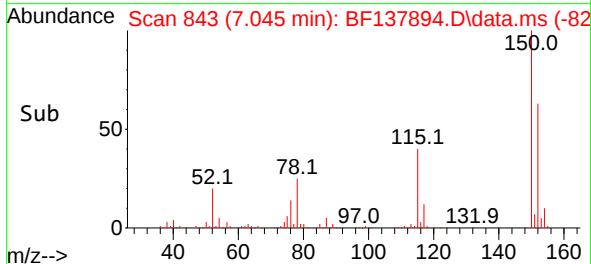
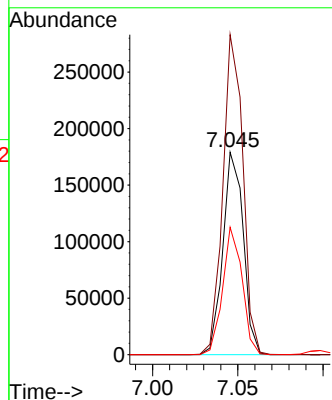
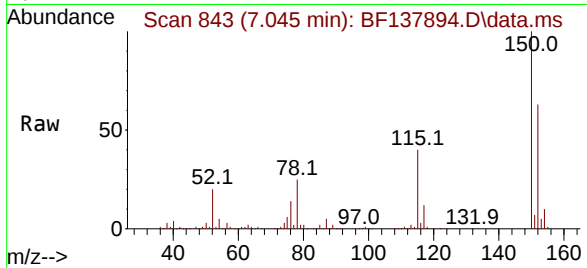




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

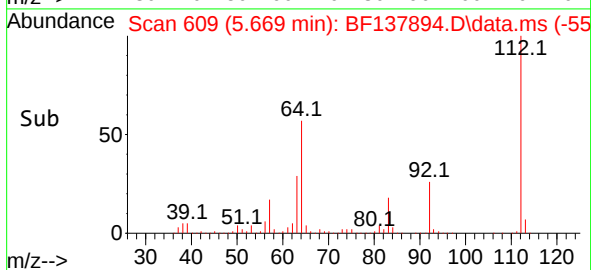
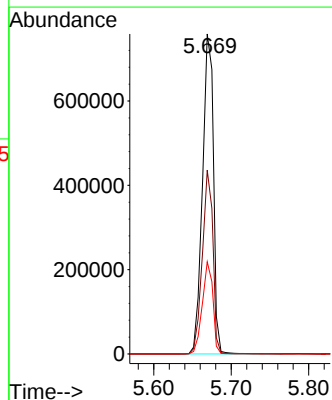
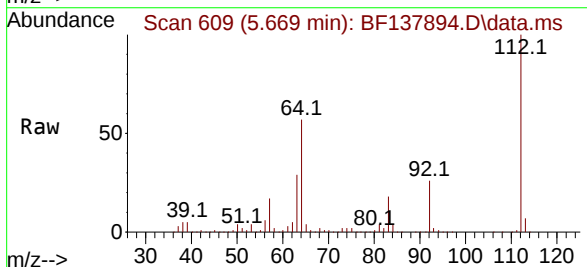
Instrument :
BNA_F
ClientSampleId :
SW-02-011

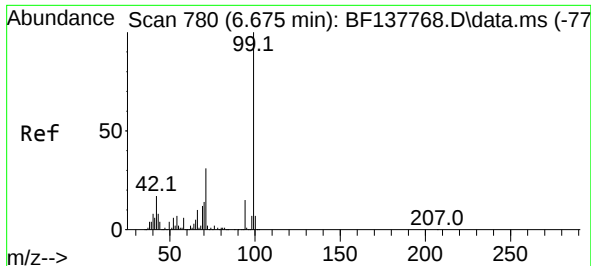
Tgt Ion:152 Resp: 149085
Ion Ratio Lower Upper
152 100
150 158.1 124.1 186.1
115 62.9 49.1 73.7



#5
2-Fluorophenol
Concen: 83.761 ng
RT: 5.669 min Scan# 609
Delta R.T. -0.006 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion:112 Resp: 745835
Ion Ratio Lower Upper
112 100
64 57.5 47.3 70.9
63 28.8 23.7 35.5

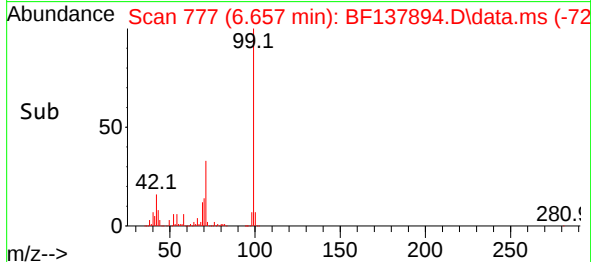
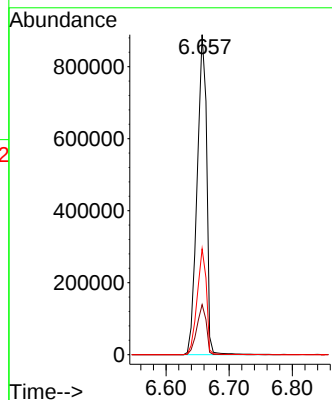
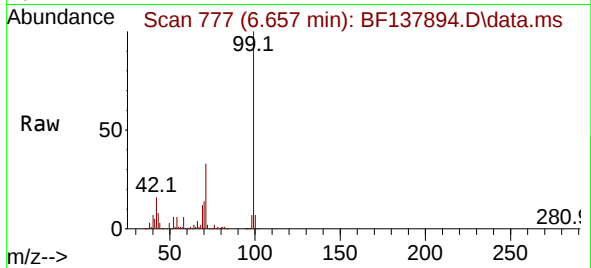




#7
Phenol-d6
Concen: 82.334 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

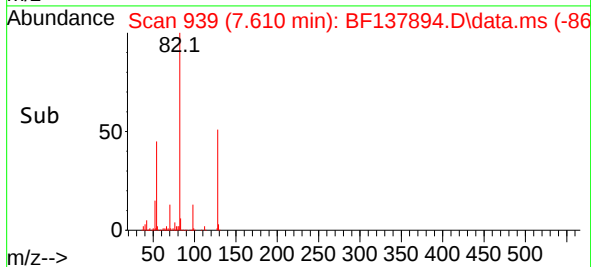
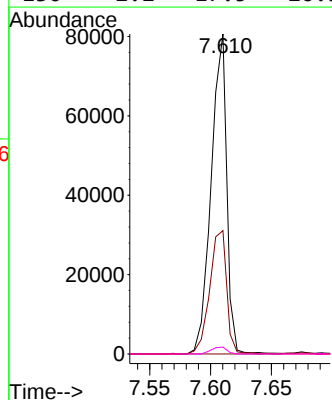
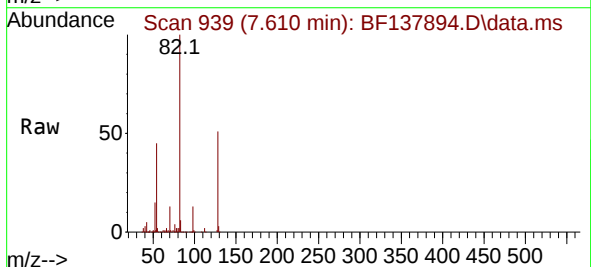
Instrument :
BNA_F
ClientSampleId :
SW-02-011

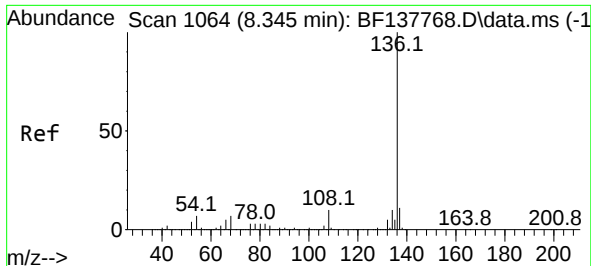
Tgt Ion: 99 Resp: 929908
Ion Ratio Lower Upper
99 100
42 15.6 13.2 19.8
71 33.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.609 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion: 70 Resp: 71605
Ion Ratio Lower Upper
70 100
42 38.5 44.6 66.8#
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#

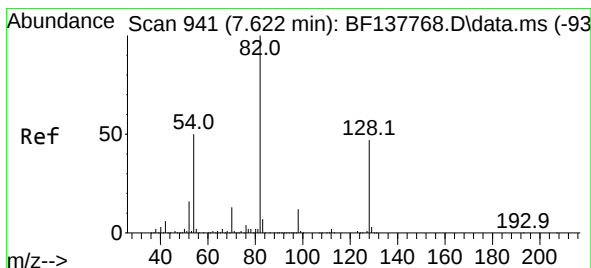
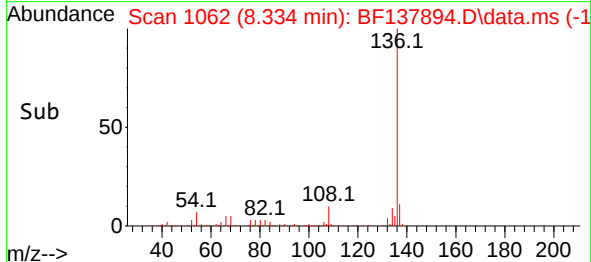
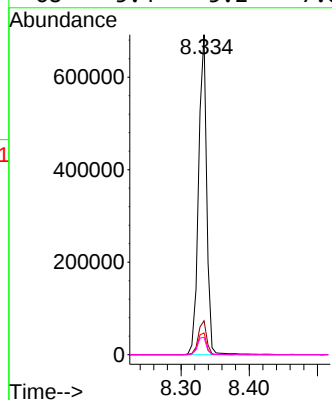
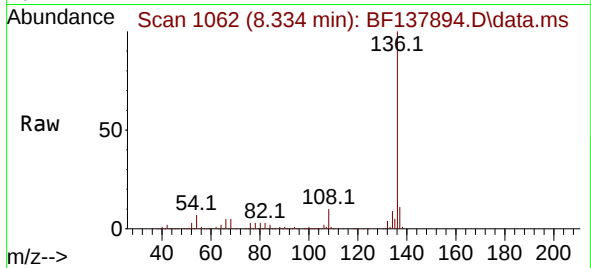




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

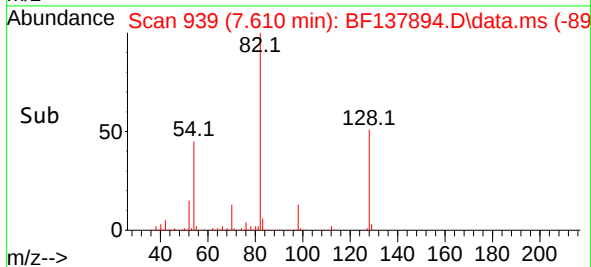
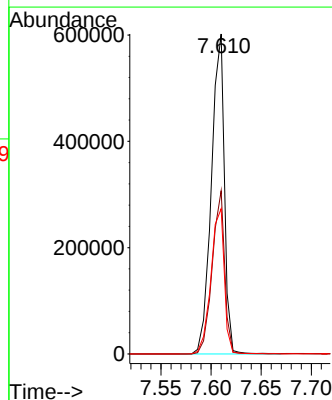
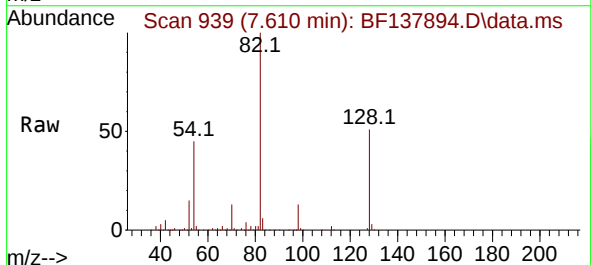
Instrument :
BNA_F
ClientSampleId :
SW-02-011

Tgt Ion:	136	Resp:	573263
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.8	8.8
68	5.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 55.258 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion:	82	Resp:	545242
Ion	Ratio	Lower	Upper
82	100		
128	51.0	37.5	56.3
54	45.4	39.8	59.6

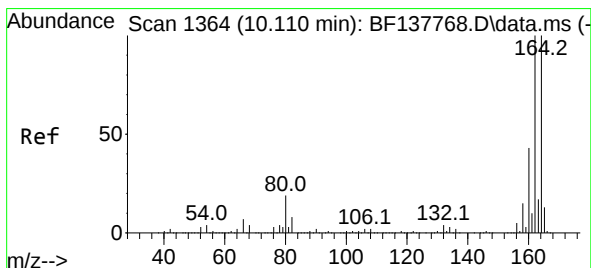
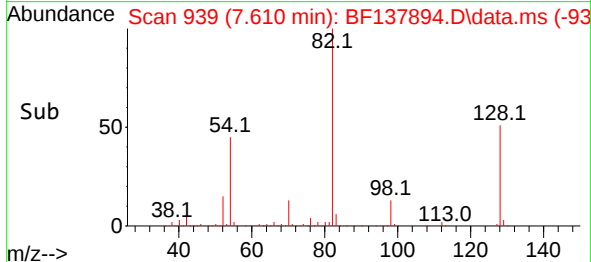
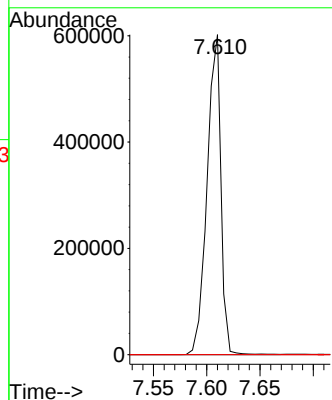
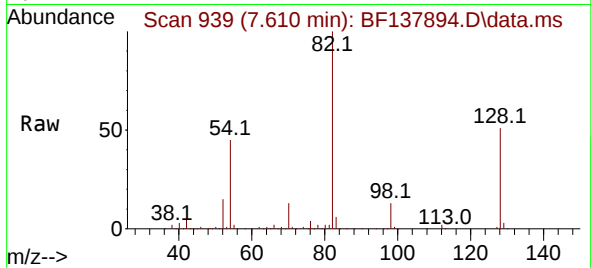




#25
Isophorone
Concen: 30.648 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

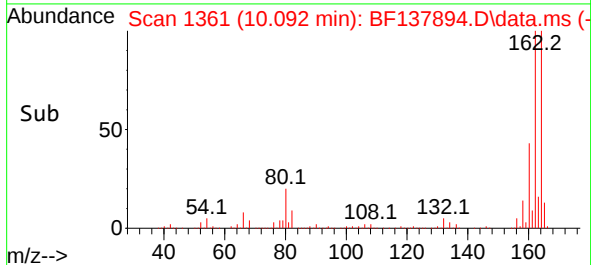
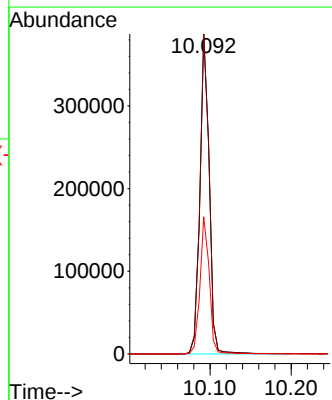
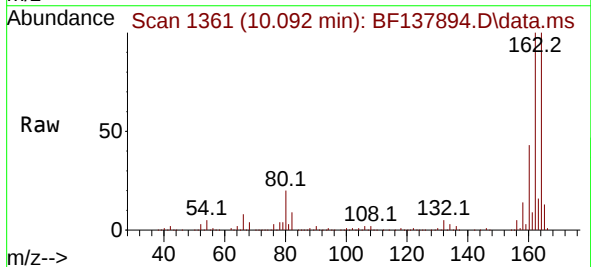
Instrument :
BNA_F
ClientSampleId :
SW-02-011

Tgt Ion: 82 Resp: 545236
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion:164 Resp: 309449
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.6
160 42.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 75.485 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137894.D

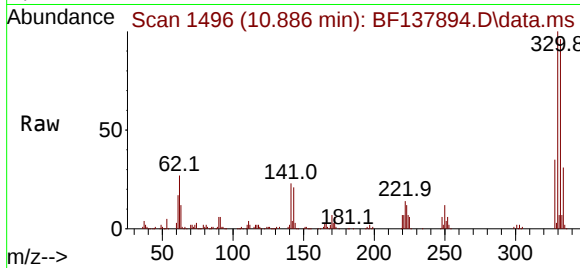
Acq: 10 May 2024 21:51

Instrument :

BNA_F

ClientSampleId :

SW-02-011



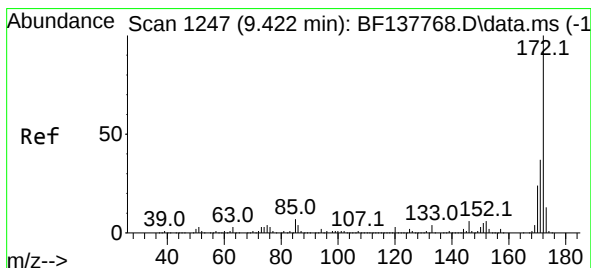
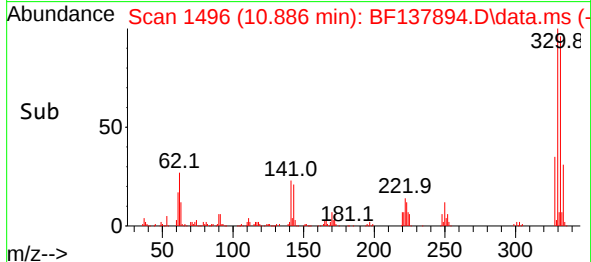
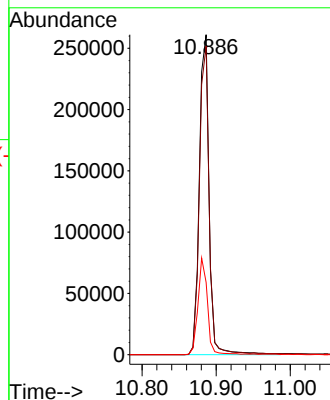
Tgt Ion:330 Resp: 238499

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 29.4 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 60.992 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.018 min

Lab File: BF137894.D

Acq: 10 May 2024 21:51

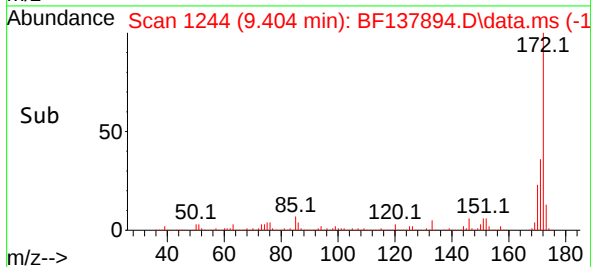
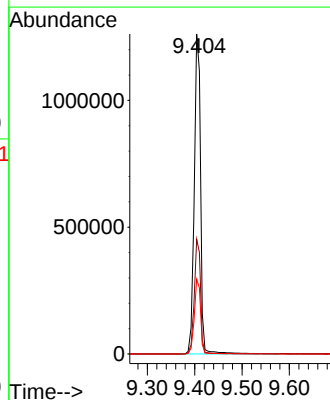
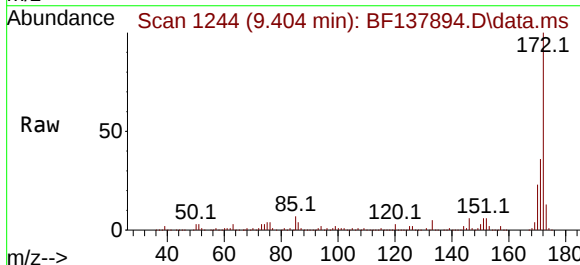
Tgt Ion:172 Resp: 1163360

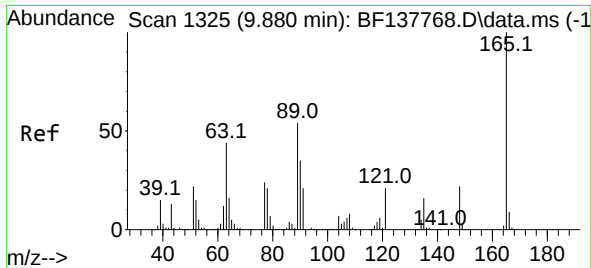
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.4 19.4 29.2

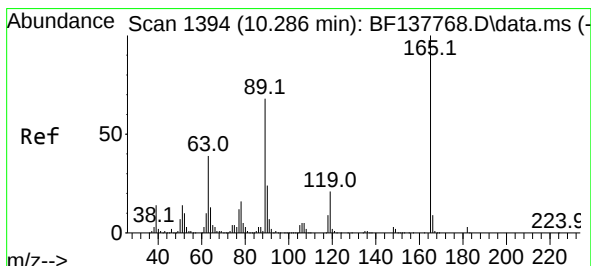
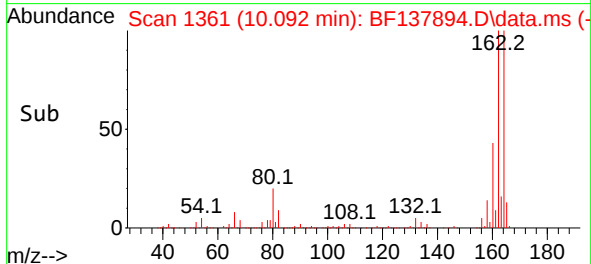
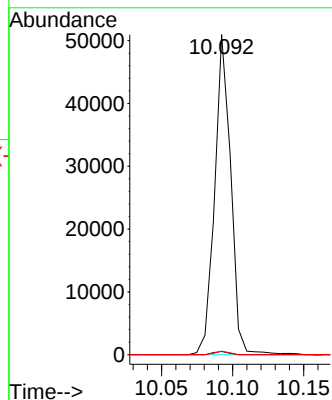
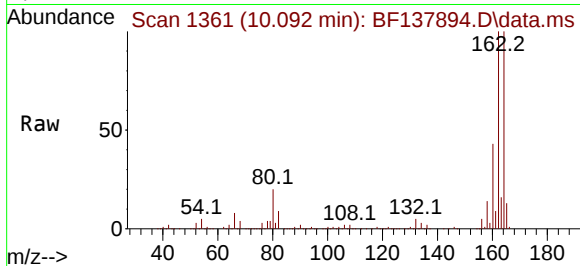




#51
2,6-Dinitrotoluene
Concen: 8.995 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

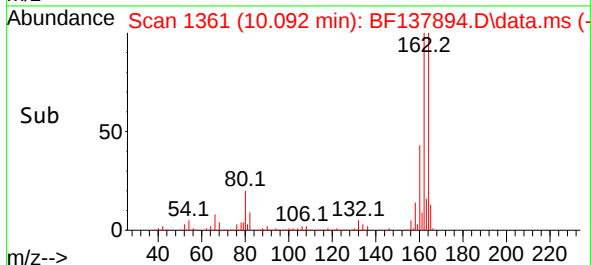
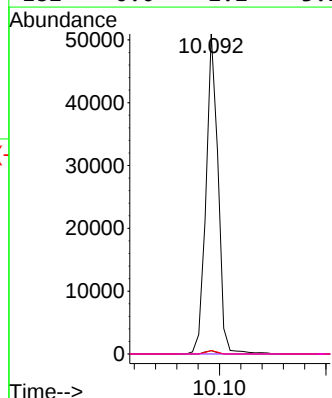
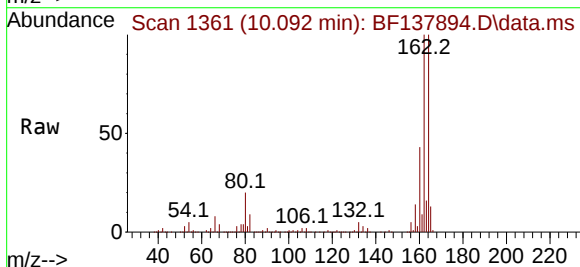
Instrument :
BNA_F
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SW-02-011

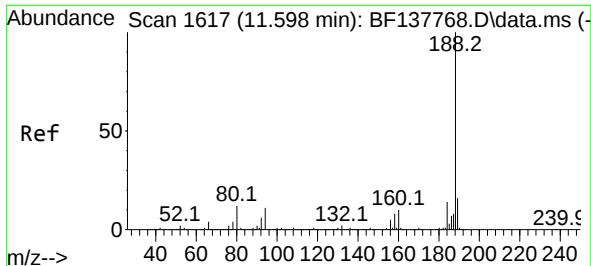
Tgt Ion:165 Resp: 40156
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 1.1 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.906 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion:165 Resp: 40280
Ion Ratio Lower Upper
165 100
63 1.0 31.3 46.9#
89 1.1 54.2 81.4#
182 0.0 2.2 3.2#

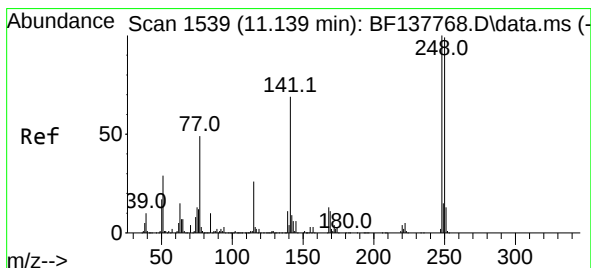
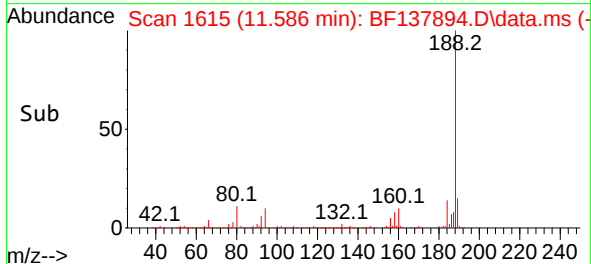
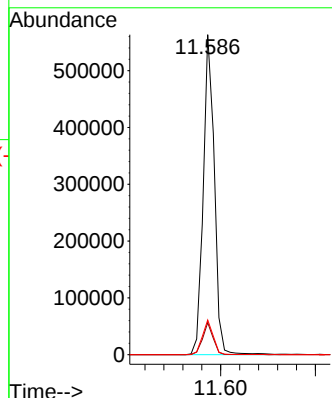
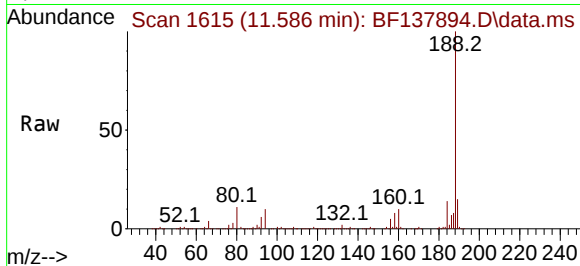




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

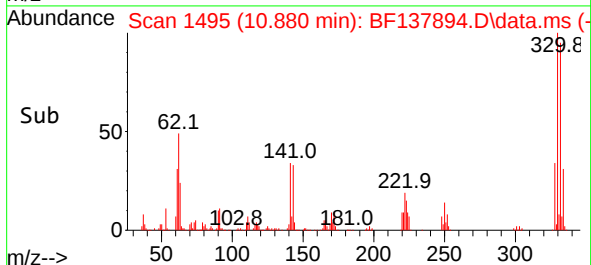
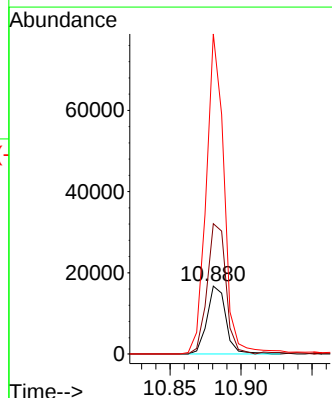
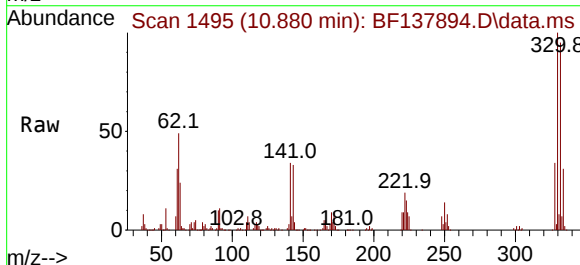
Instrument :
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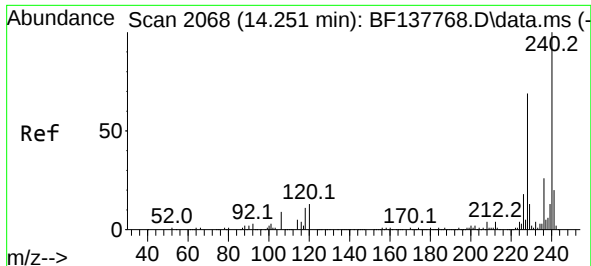
Tgt Ion:188 Resp: 460363
Ion Ratio Lower Upper
188 100
94 10.0 8.8 13.2
80 10.8 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 3.134 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.259 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

Tgt Ion:248 Resp: 15439
Ion Ratio Lower Upper
248 100
250 191.7 79.1 118.7#
141 471.3 55.4 83.2#

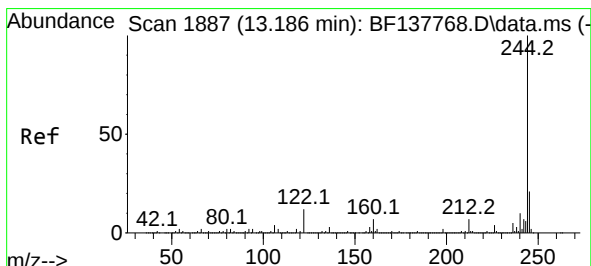
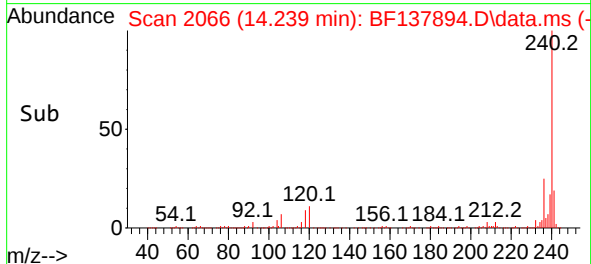
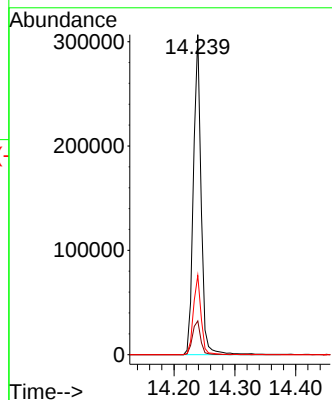
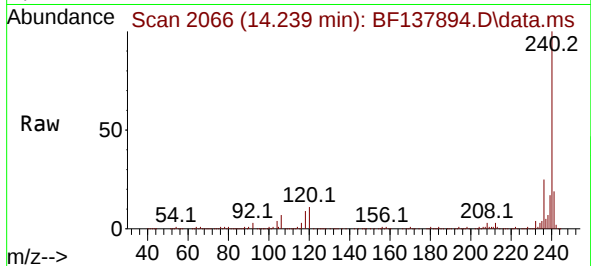




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

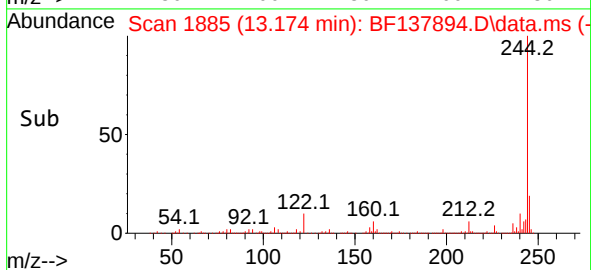
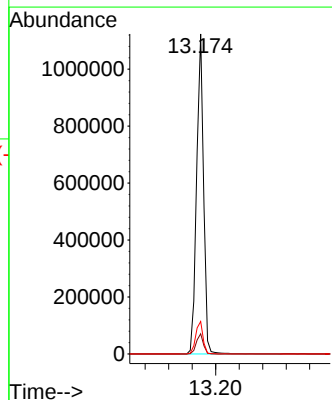
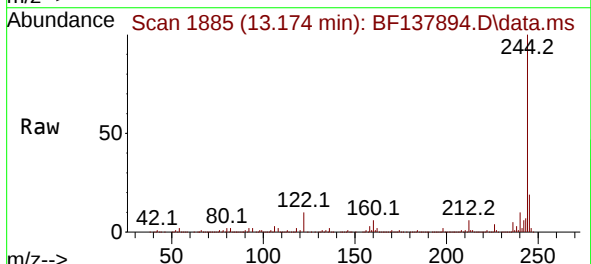
Instrument :
BNA_F
ClientSampleId :
SW-02-011

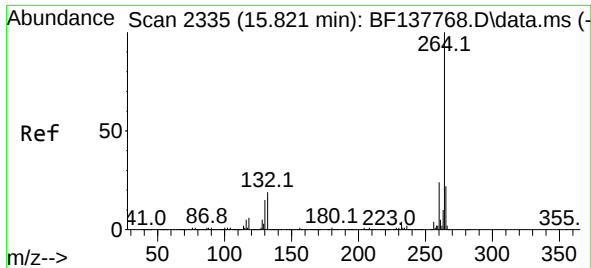
Tgt Ion:240 Resp: 268242
Ion Ratio Lower Upper
240 100
120 10.5 10.4 15.6
236 24.7 20.4 30.6



#79
Terphenyl-d14
Concen: 58.023 ng
RT: 13.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BF137894.D
Acq: 10 May 2024 21:51

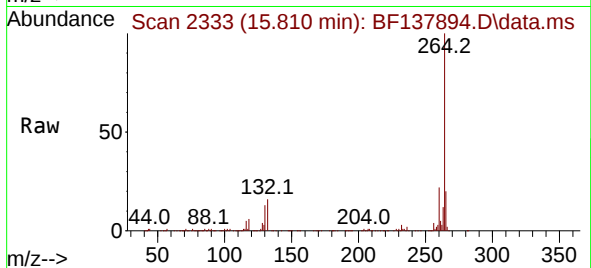
Tgt Ion:244 Resp: 928721
Ion Ratio Lower Upper
244 100
212 6.3 5.5 8.3
122 10.2 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.810 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137894.D
 Acq: 10 May 2024 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SW-02-011



Tgt Ion:264 Resp: 250384
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.9 28.3
 265 19.8 17.4 26.0

