

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125854.D
 Acq On : 14 Oct 2021 20:18
 Operator : JU/CG
 Sample : M4194-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-239

Quant Time: Oct 15 10:43:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

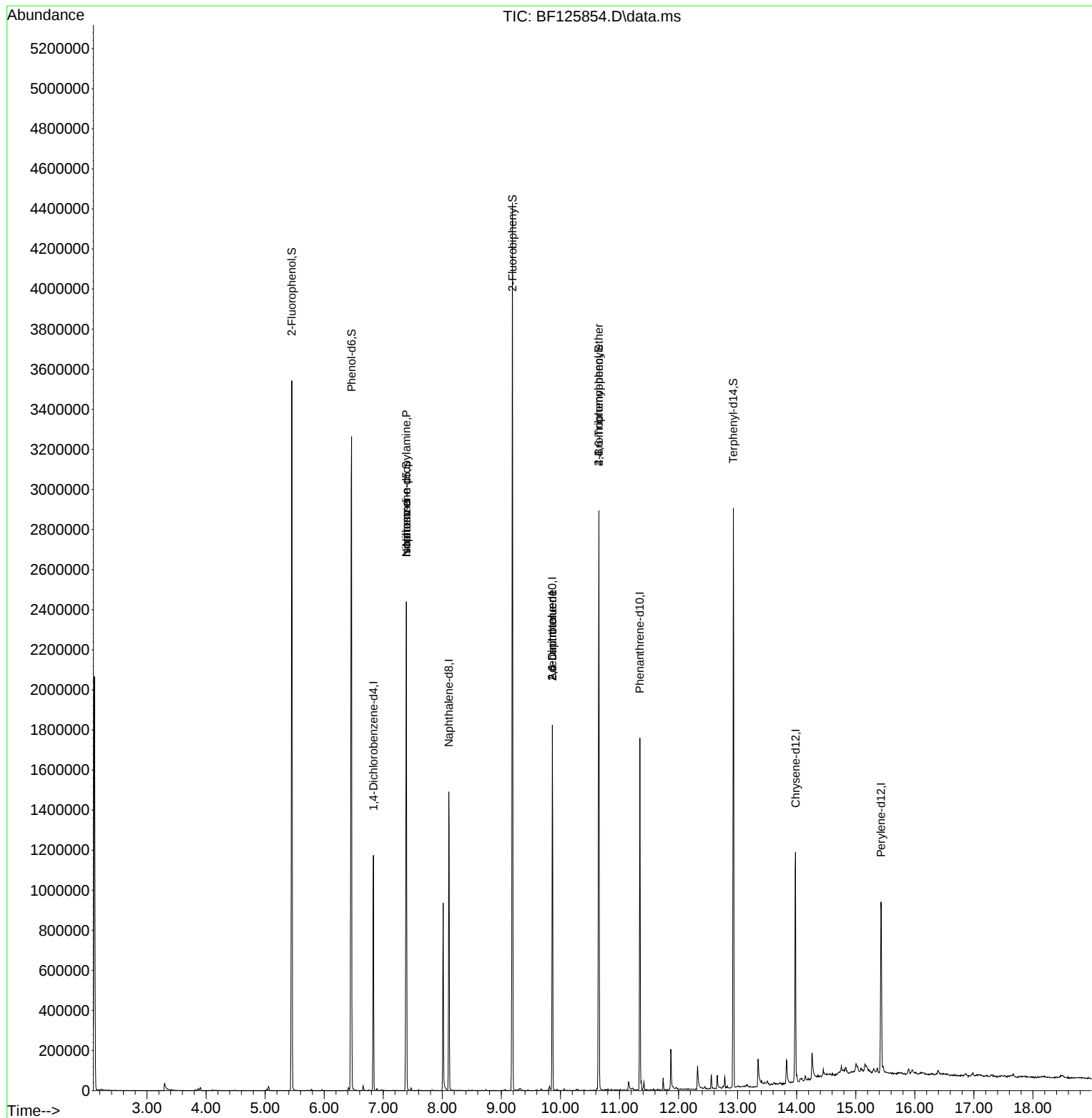
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	170021	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	692585	20.000	ng	#-0.02
39) Acenaphthene-d10	9.863	164	363350	20.000	ng	-0.02
64) Phenanthrene-d10	11.345	188	581982	20.000	ng	#-0.02
76) Chrysene-d12	13.980	240	377040	20.000	ng	-0.02
86) Perylene-d12	15.427	264	378513	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1127403	108.325	ng	-0.01
7) Phenol-d6	6.463	99	1376675	102.752	ng	-0.01
23) Nitrobenzene-d5	7.392	82	803095	72.078	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	362453	101.035	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1316585	62.498	ng	-0.02
79) Terphenyl-d14	12.927	244	956414	38.639	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	100693	14.237	ng	# 51
25) Isophorone	7.392	82	802964	40.678	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	46297	9.576	ng	# 28
57) 2,4-Dinitrotoluene	9.863	165	46297	7.573	ng	# 20
67) 4-Bromophenyl-phenylether	10.651	248	21038	3.264	ng	# 1

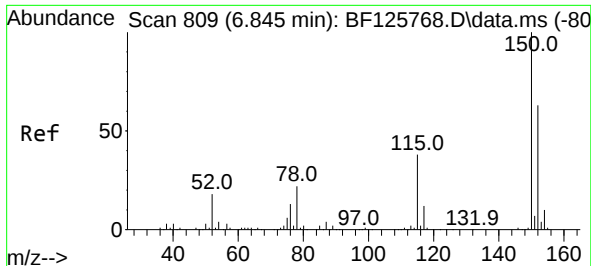
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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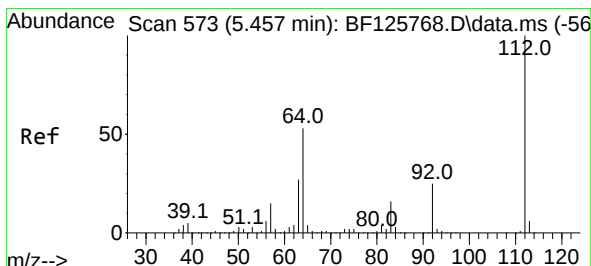
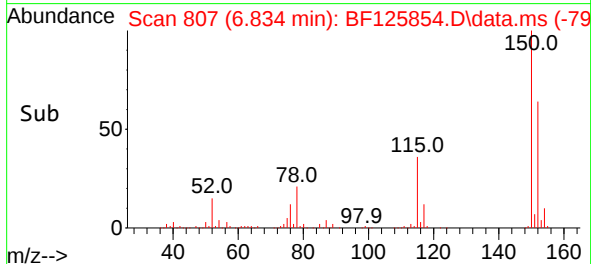
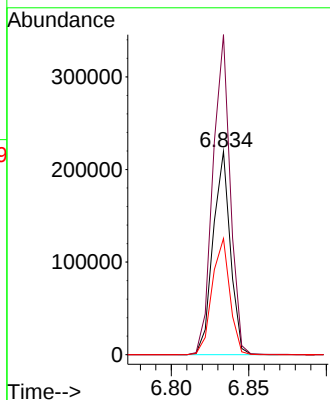
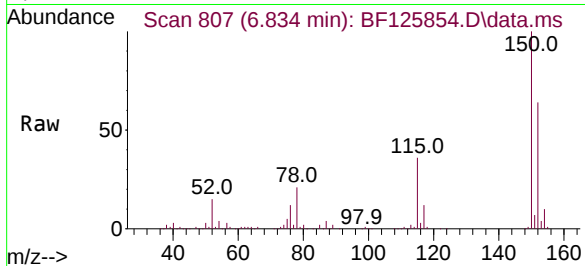




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

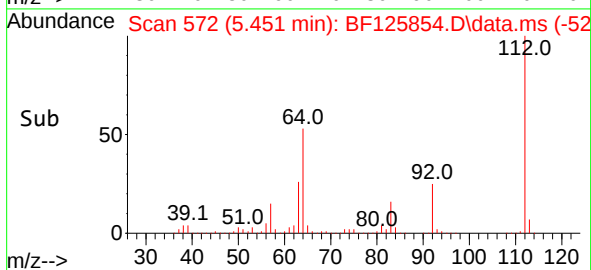
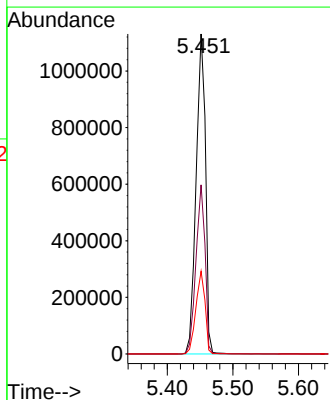
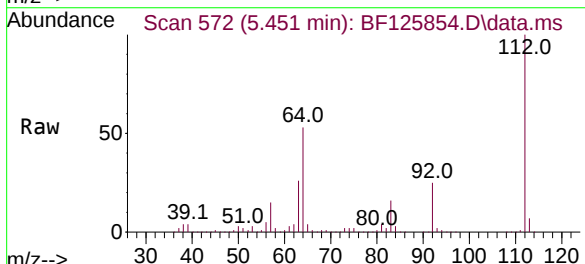
Instrument :
BNA_F
ClientSampled :
VNJ-239

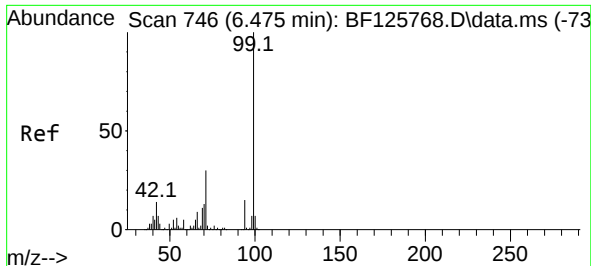
Tgt Ion:152 Resp: 170021
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 57.1 47.1 70.7



#5
2-Fluorophenol
Concen: 108.325 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion:112 Resp: 1127403
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 25.9 26.2 39.2#

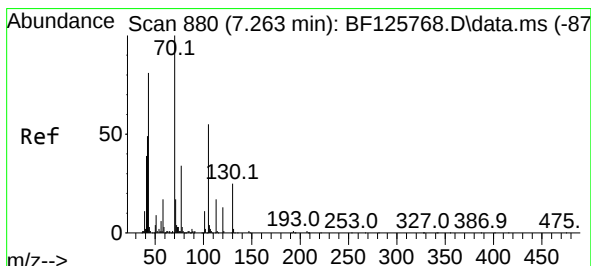
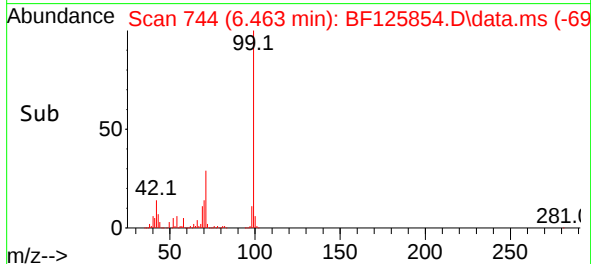
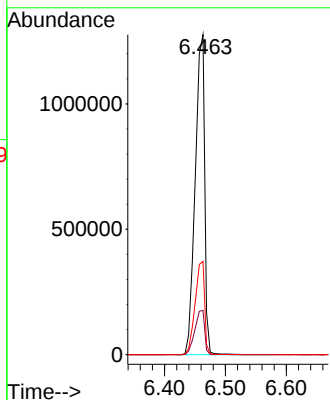
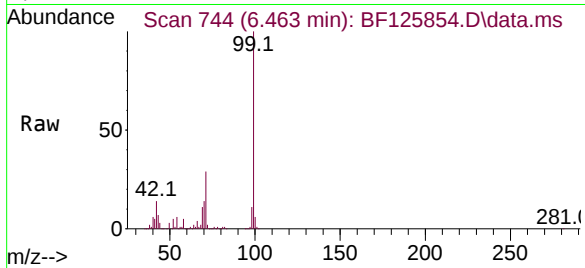




#7
Phenol-d6
Concen: 102.752 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

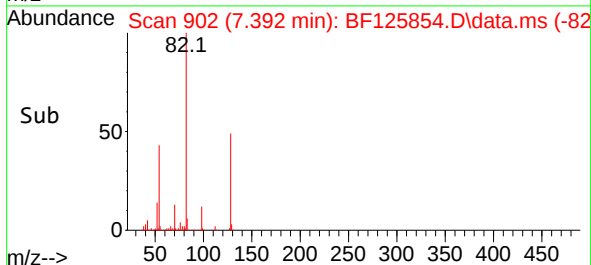
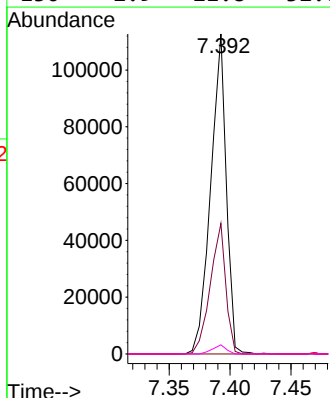
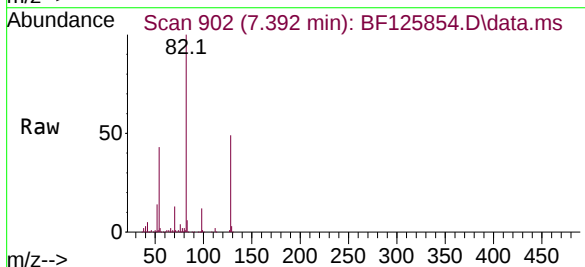
Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion: 99 Resp: 1376675
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 29.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.237 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.129 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion: 70 Resp: 100693
Ion Ratio Lower Upper
70 100
42 40.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.9 21.8 32.6#

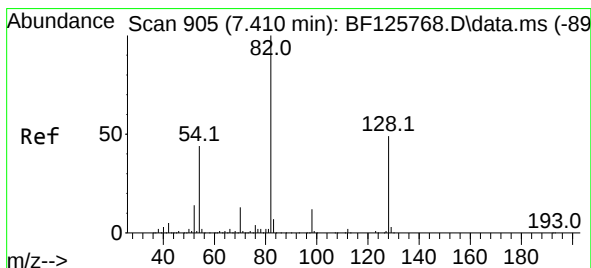
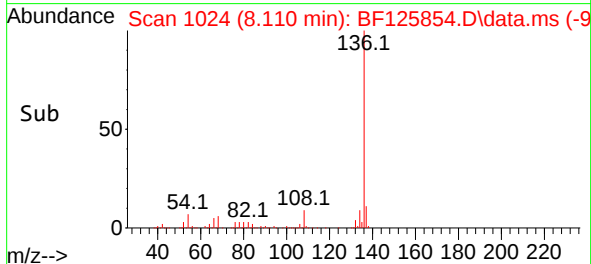
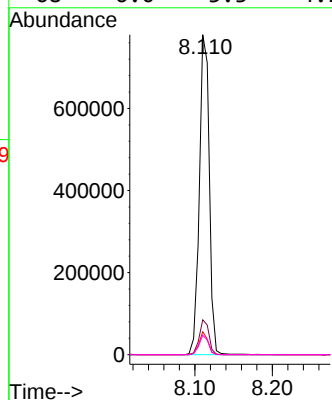
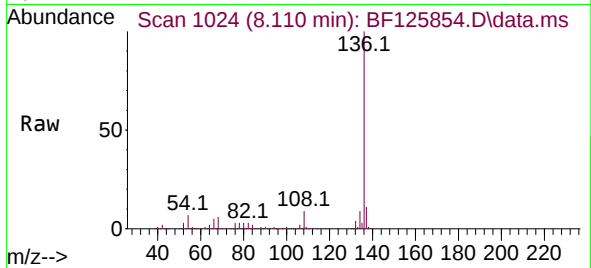




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

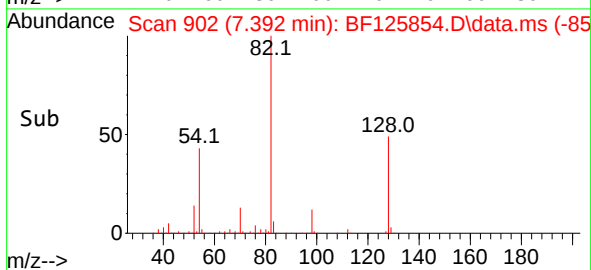
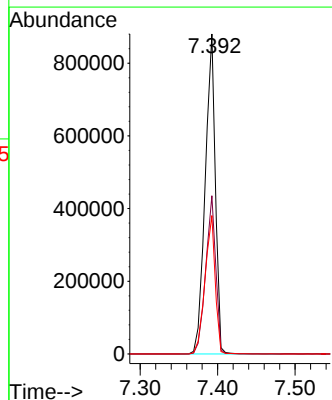
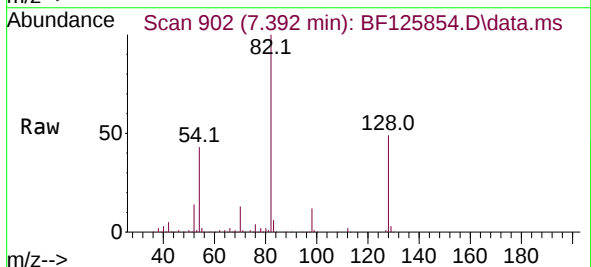
Instrument :
BNA_F
ClientSampleId :
VNJ-239

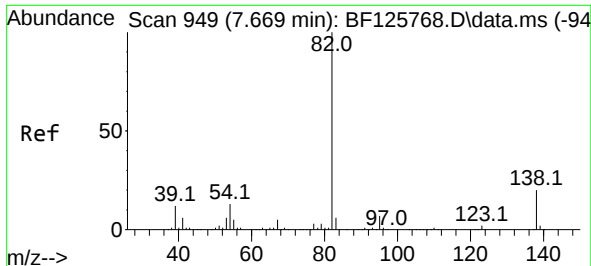
Tgt Ion:136	Resp: 692585
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 7.2	6.4 9.6
68 6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 72.078 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion: 82	Resp: 803095
Ion Ratio	Lower Upper
82 100	
128 49.4	40.6 60.8
54 43.2	49.6 74.4#

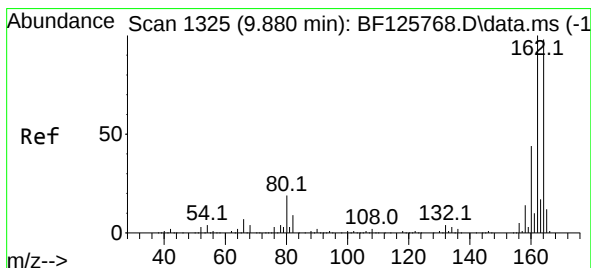
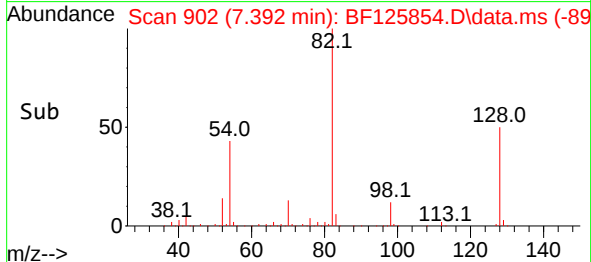
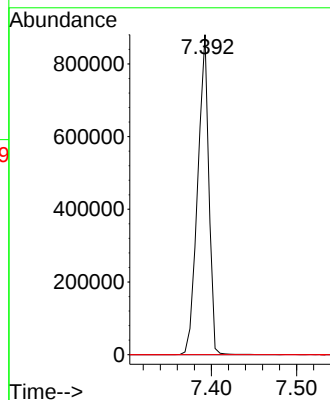
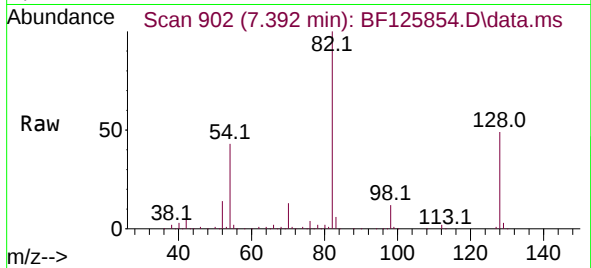




#25
Isophorone
Concen: 40.678 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.276 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

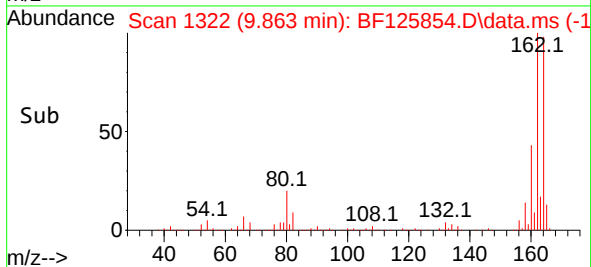
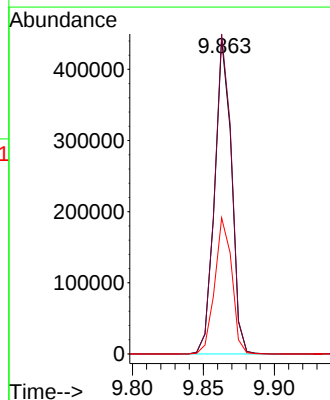
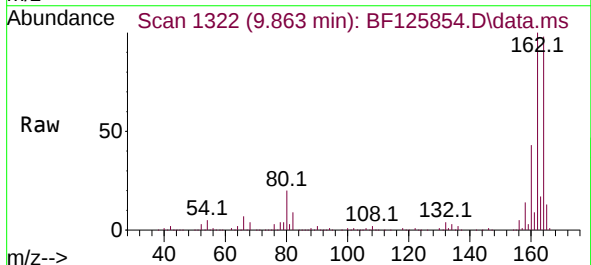
Instrument :
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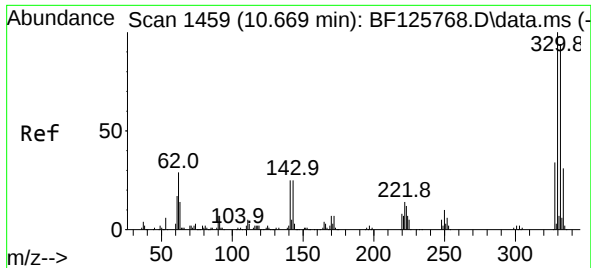
Tgt Ion: 82 Resp: 802964
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion: 164 Resp: 363350
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 43.2 38.0 57.0

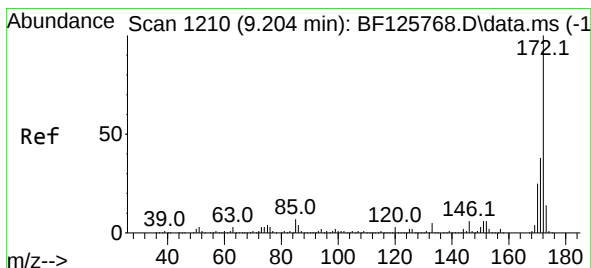
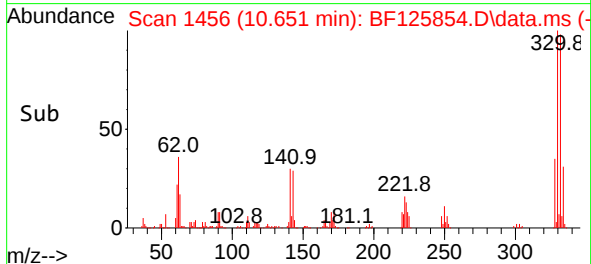
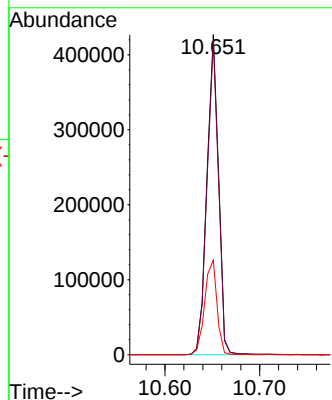
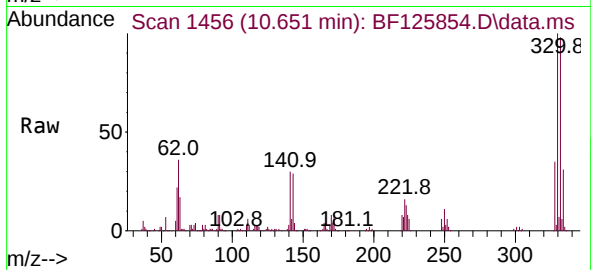




#42
2,4,6-Tribromophenol
Concen: 101.035 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

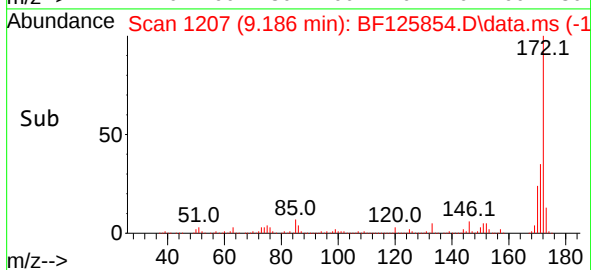
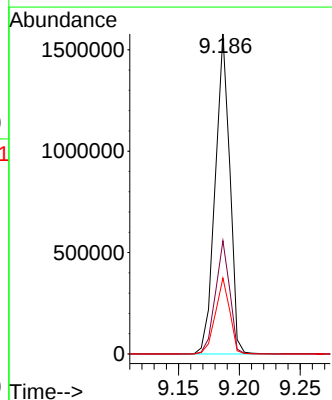
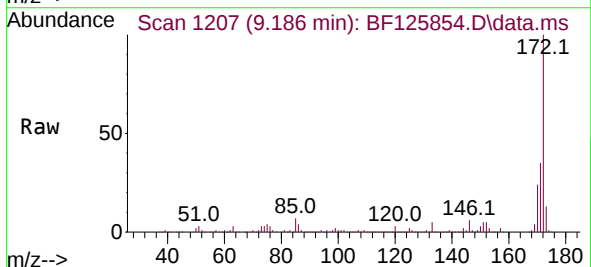
Instrument :
BNA_F
ClientSampled :
VNJ-239

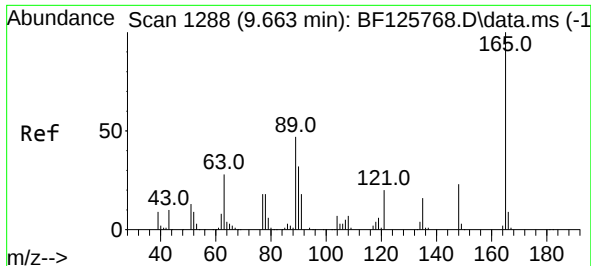
Tgt Ion: 330 Resp: 362453
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.498 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion: 172 Resp: 1316585
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.7 18.8 28.2

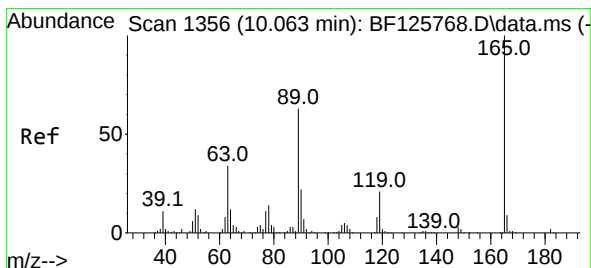
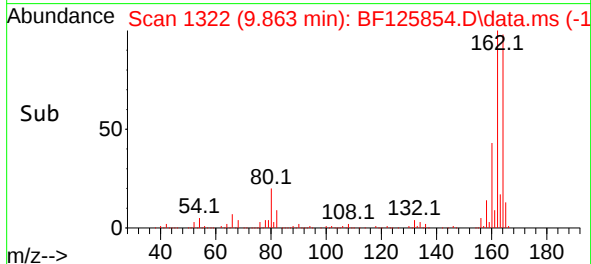
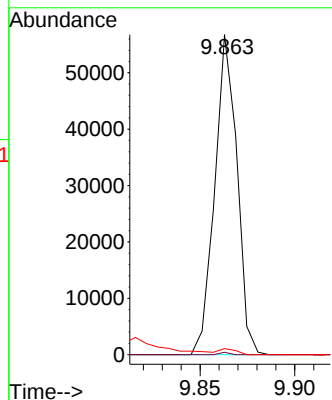
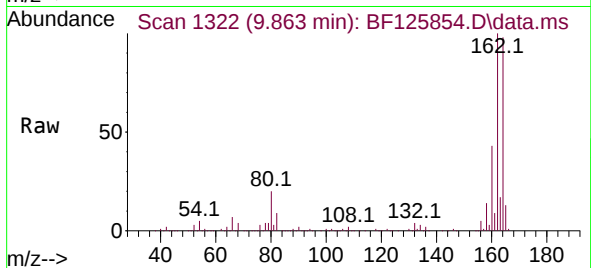




#51
2,6-Dinitrotoluene
Concen: 9.576 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

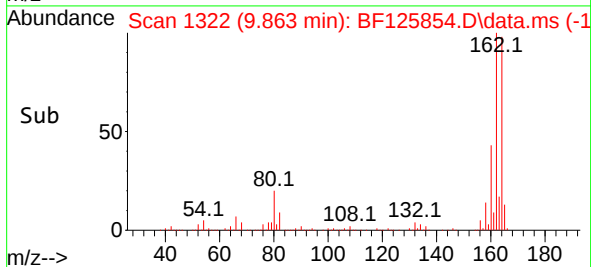
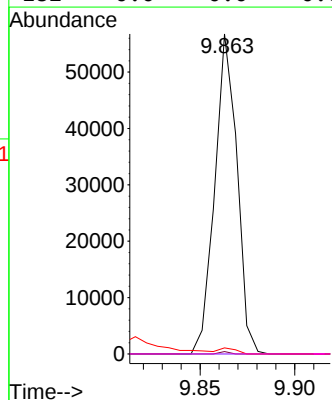
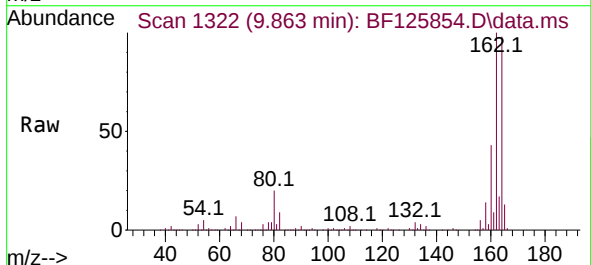
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BNA_F
ClientSampleId :
VNJ-239

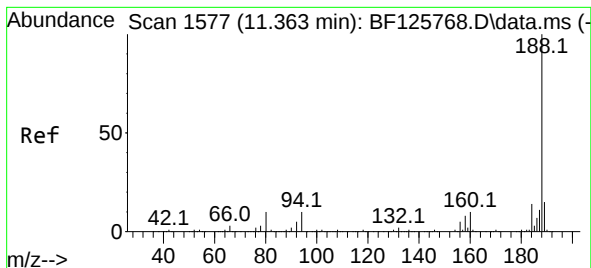
Tgt Ion:165 Resp: 46297
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.573 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion:165 Resp: 46297
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.9 59.7 89.5#
182 0.0 0.0 0.0

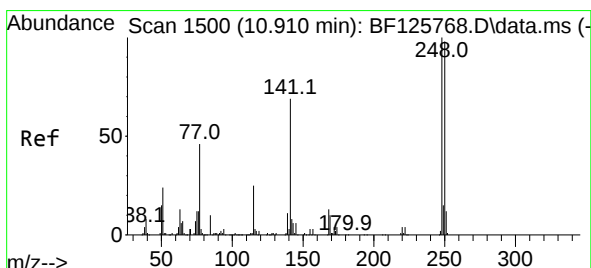
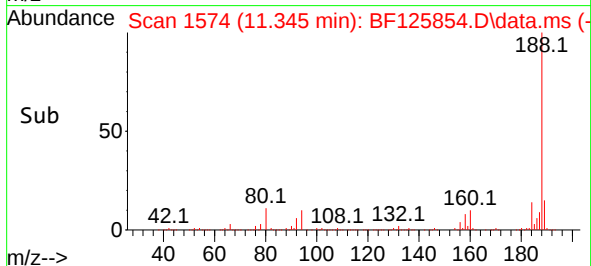
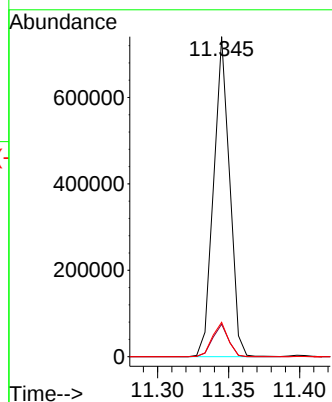
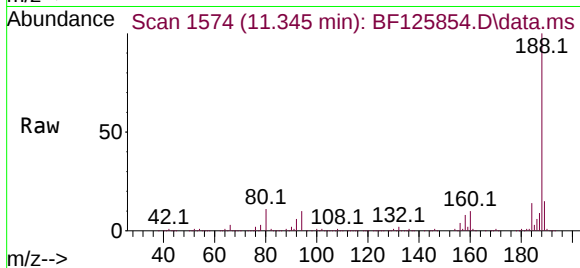




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

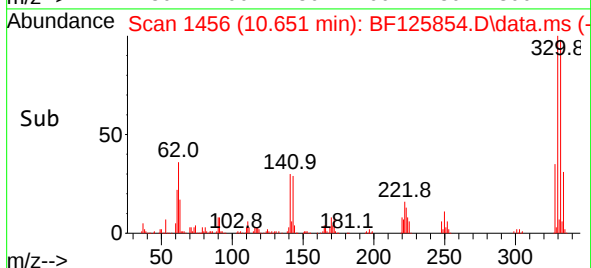
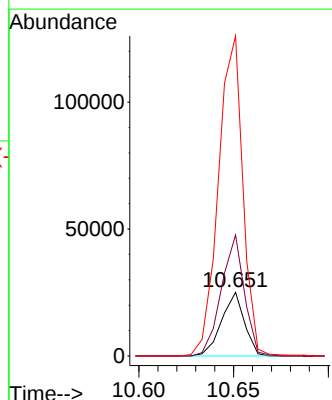
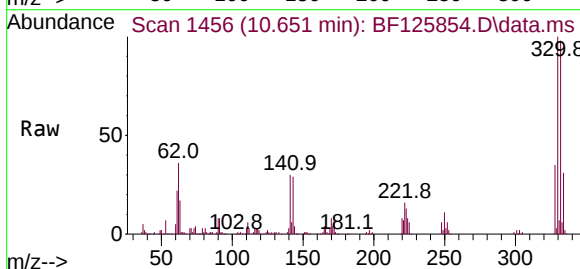
Instrument :
BNA_F
ClientSampleId :
VNJ-239

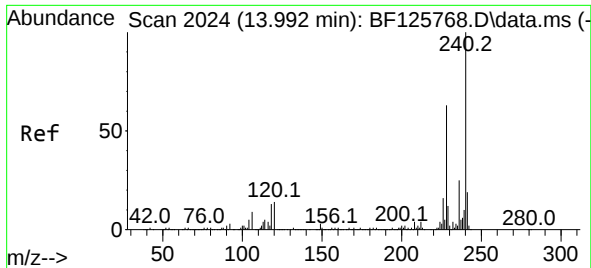
Tgt Ion:188 Resp: 581982
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.259 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion:248 Resp: 21038
Ion Ratio Lower Upper
248 100
250 190.0 74.2 111.4#
141 502.6 60.4 90.6#

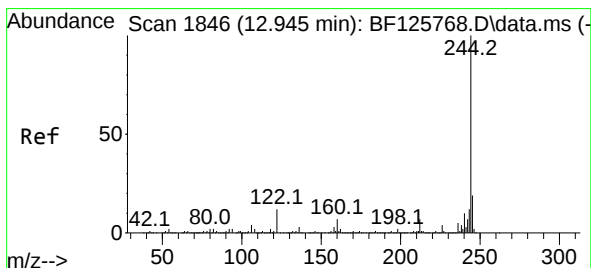
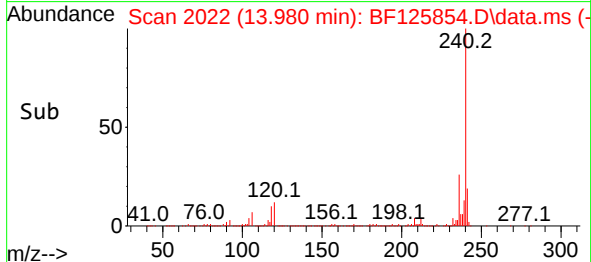
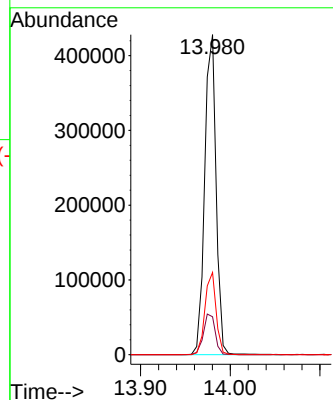
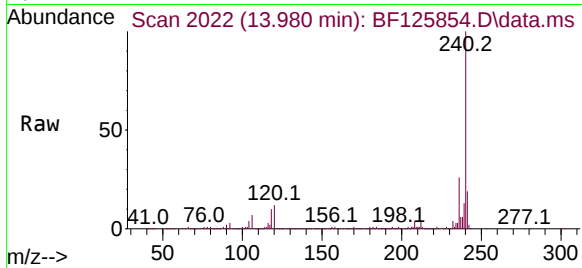




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

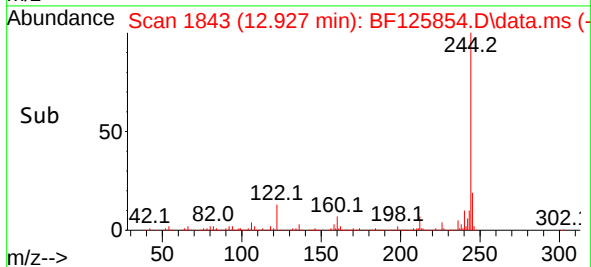
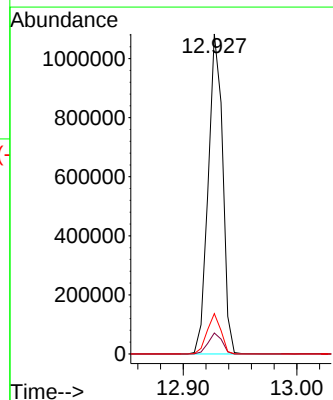
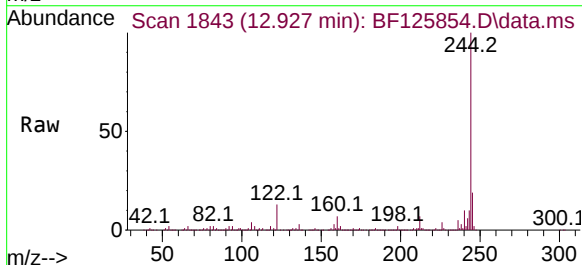
Instrument :
BNA_F
ClientSampleId :
VNJ-239

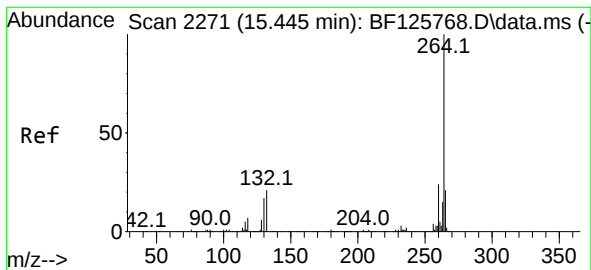
Tgt Ion:240 Resp: 377040
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 25.7 21.6 32.4



#79
Terphenyl-d14
Concen: 38.639 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Tgt Ion:244 Resp: 956414
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 12.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.024 min
Lab File: BF125854.D
Acq: 14 Oct 2021 20:18

Instrument :
BNA_F
ClientSampleId :
VNJ-239

Tgt Ion:264 Resp: 378513

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.0	17.2	25.8

