

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125850.D
 Acq On : 14 Oct 2021 18:08
 Operator : JU/CG
 Sample : M4194-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Quant Time: Oct 15 10:41:40 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)

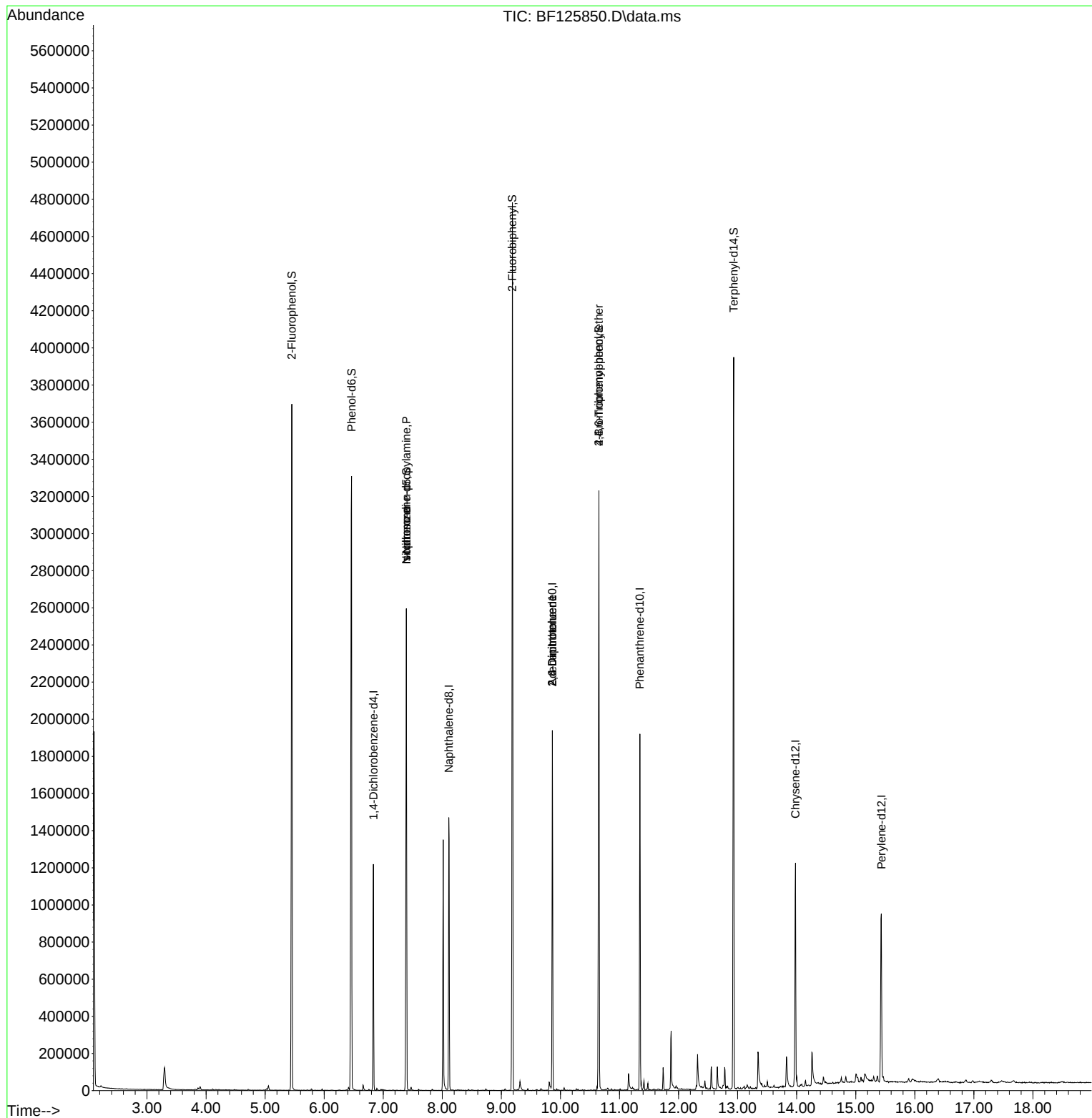
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	172755	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	714088	20.000	ng	#-0.02
39) Acenaphthene-d10	9.863	164	370210	20.000	ng	-0.02
64) Phenanthrene-d10	11.345	188	650617	20.000	ng	#-0.02
76) Chrysene-d12	13.980	240	394923	20.000	ng	-0.02
86) Perylene-d12	15.433	264	402364	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1190959	112.621	ng	-0.01
7) Phenol-d6	6.463	99	1467728	107.814	ng	-0.01
23) Nitrobenzene-d5	7.392	82	858207	74.705	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	404826	110.756	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	1520694	70.850	ng	-0.02
79) Terphenyl-d14	12.933	244	1375143	53.040	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	108070	15.038	ng	# 51
25) Isophorone	7.392	82	858196	42.167	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	47171	9.576	ng	# 28
57) 2,4-Dinitrotoluene	9.863	165	47171	7.573	ng	# 20
67) 4-Bromophenyl-phenylether	10.651	248	23303	3.234	ng	# 1

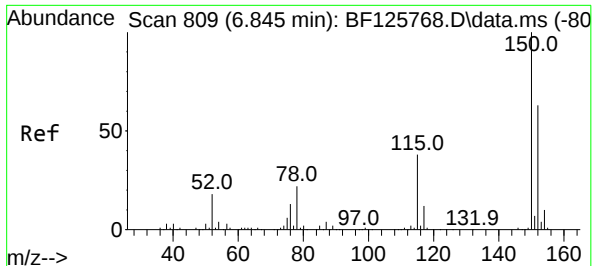
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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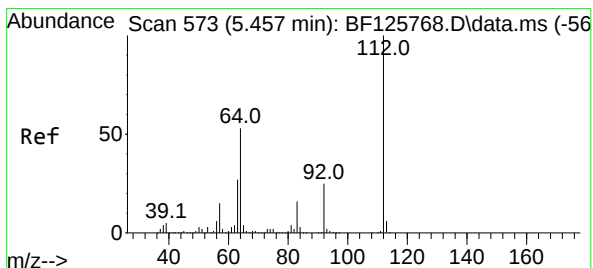
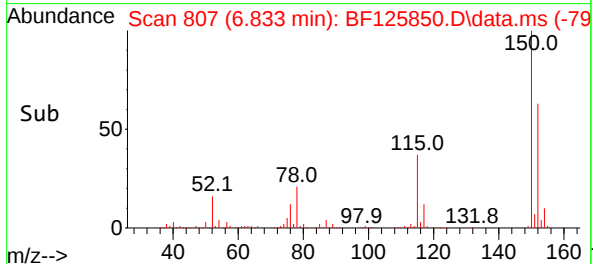
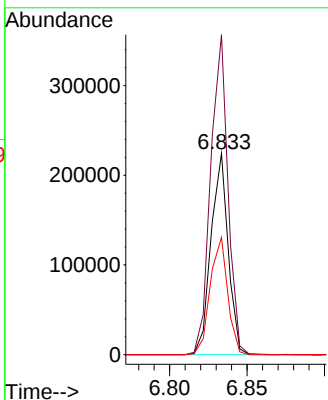
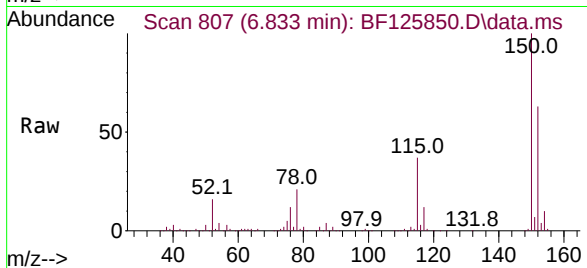




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

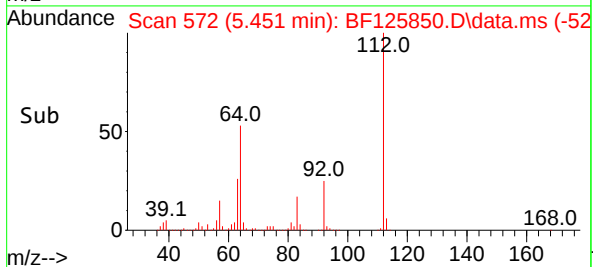
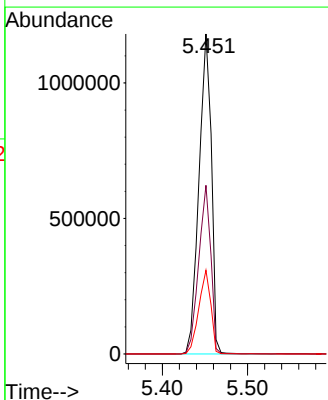
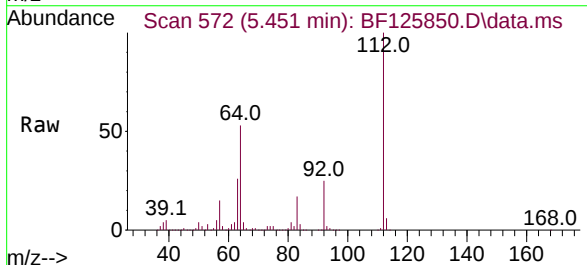
Instrument :
BNA_F
ClientSampleId :
VNJ-209

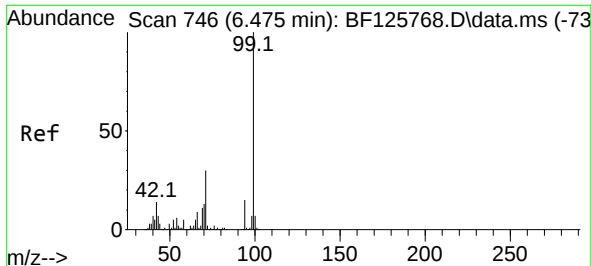
Tgt Ion:152 Resp: 172755
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 112.621 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion:112 Resp: 1190959
Ion Ratio Lower Upper
112 100
64 52.7 44.2 66.2
63 26.2 26.2 39.2

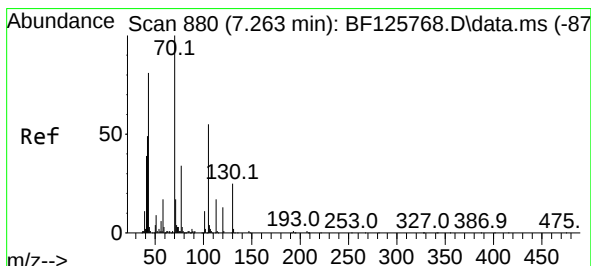
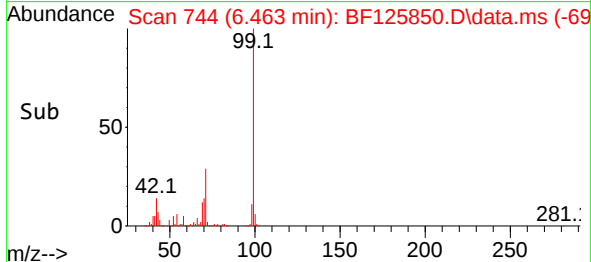
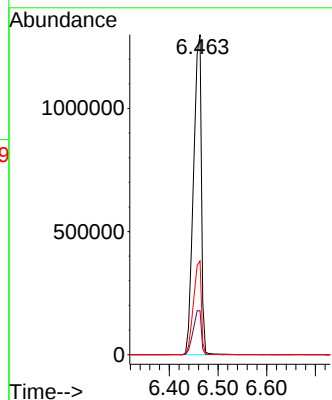
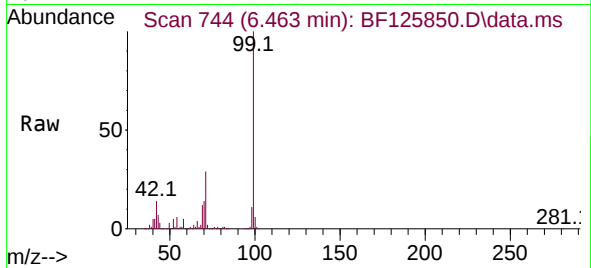




#7
Phenol-d6
Concen: 107.814 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

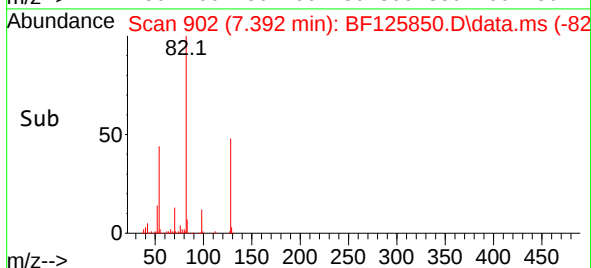
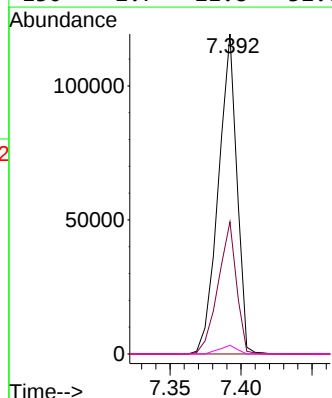
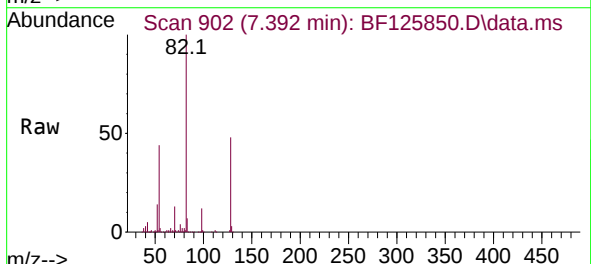
Instrument :
BNA_F
ClientSampleId :
VNJ-209

Tgt Ion: 99 Resp: 1467728
Ion Ratio Lower Upper
99 100
42 13.7 23.5 35.3#
71 29.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.038 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.129 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion: 70 Resp: 108070
Ion Ratio Lower Upper
70 100
42 41.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.7 21.8 32.6#

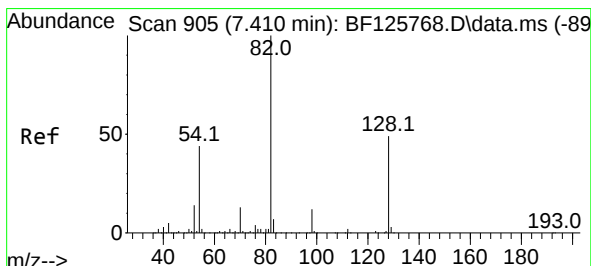
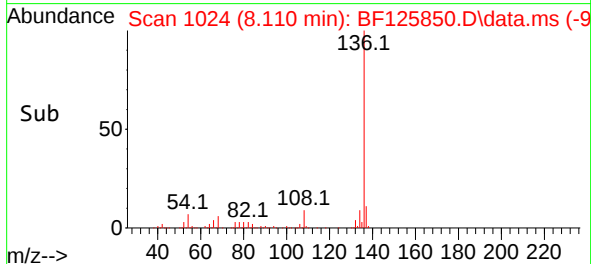
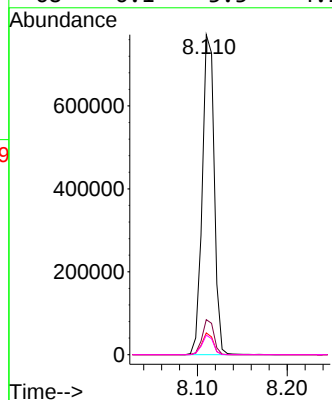
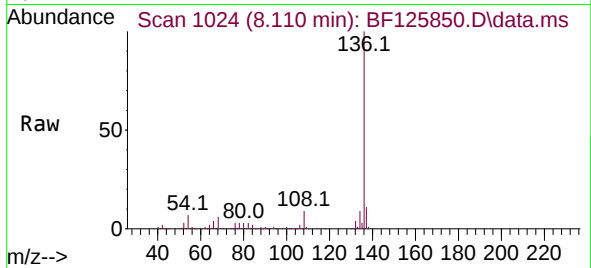




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

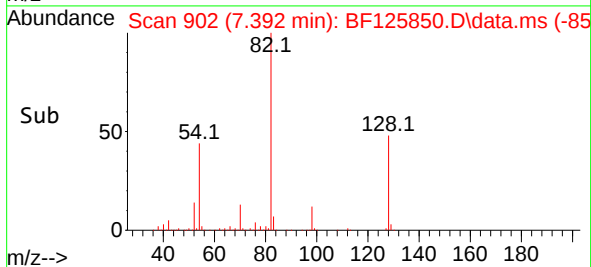
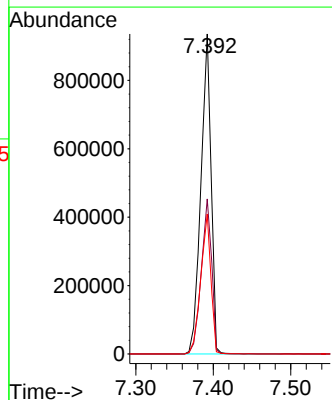
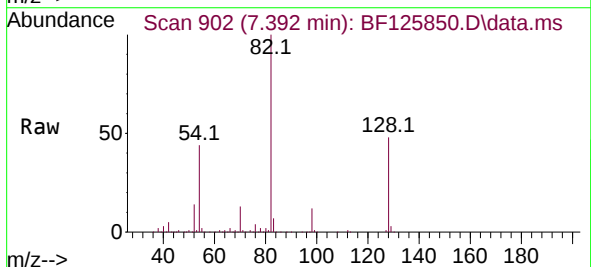
Instrument :
BNA_F
ClientSampleId :
VNJ-209

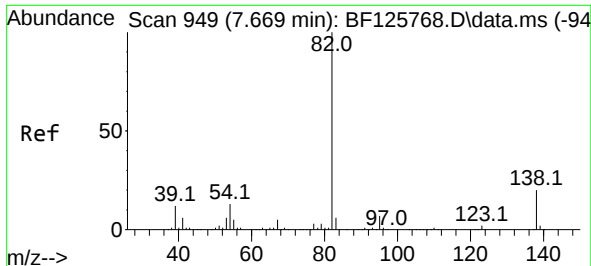
Tgt Ion:	136	Resp:	714088
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	6.8	6.4	9.6
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 74.705 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion:	82	Resp:	858207
Ion Ratio	Lower	Upper	
82	100		
128	48.4	40.6	60.8
54	43.8	49.6	74.4#

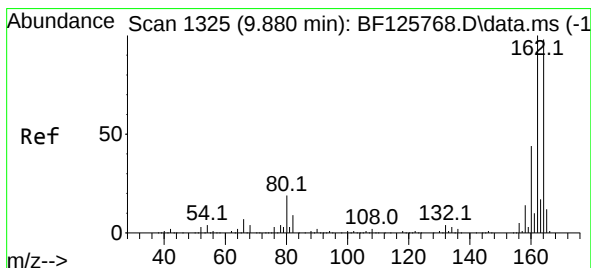
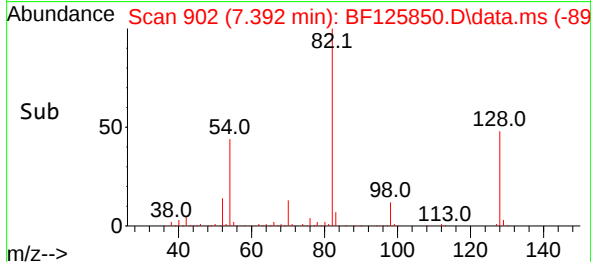
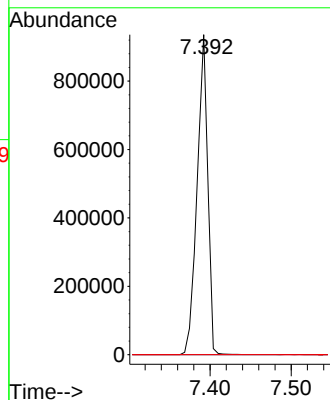
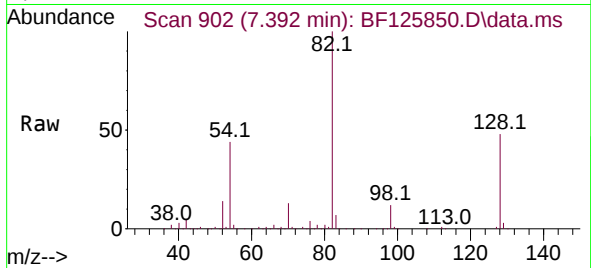




#25
Isophorone
Concen: 42.167 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.277 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

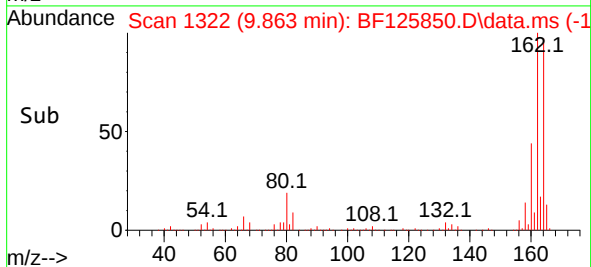
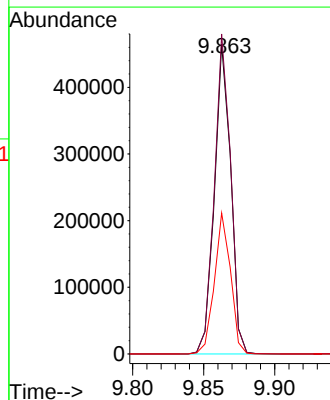
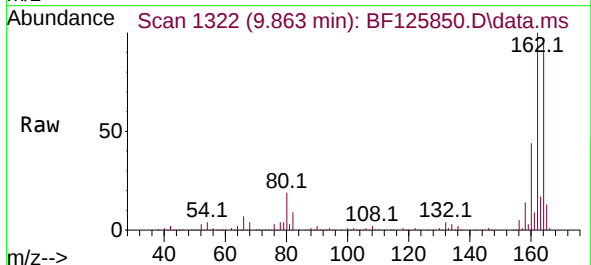
Instrument :
BNA_F
ClientSampleId :
VNJ-209

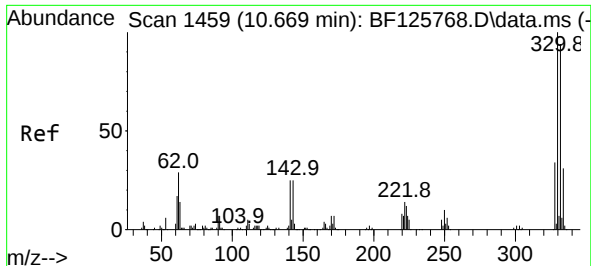
Tgt Ion: 82 Resp: 858196
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion: 164 Resp: 370210
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.5 38.0 57.0

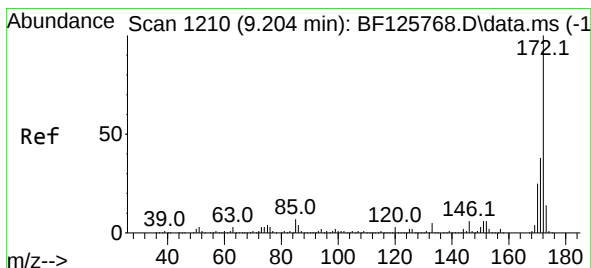
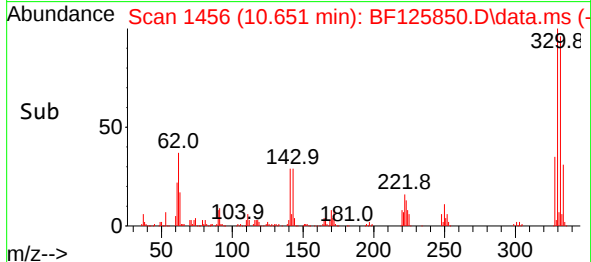
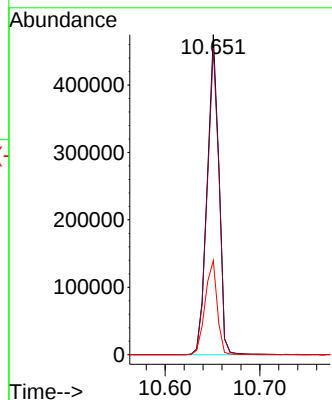
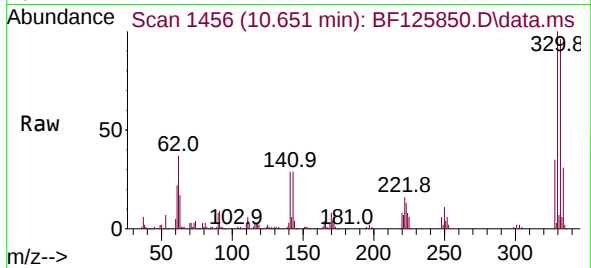




#42
2,4,6-Tribromophenol
Concen: 110.756 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

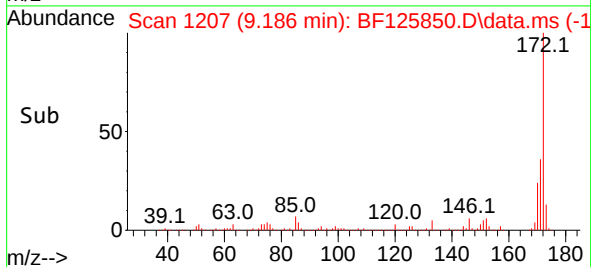
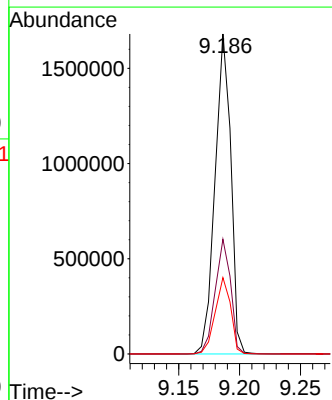
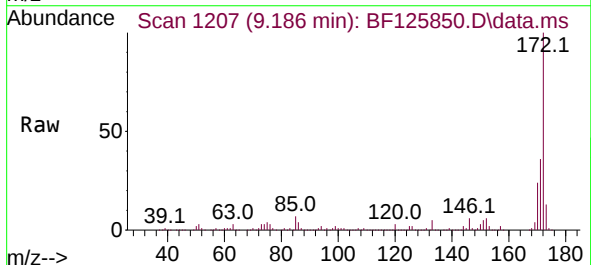
Instrument :
BNA_F
ClientSampleId :
VNJ-209

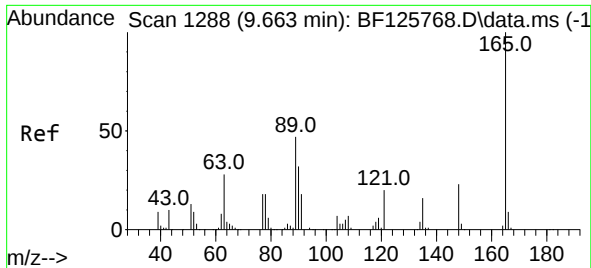
Tgt Ion: 330 Resp: 404826
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.850 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion: 172 Resp: 1520694
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.8 18.8 28.2

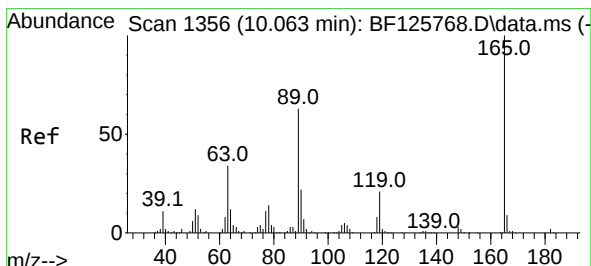
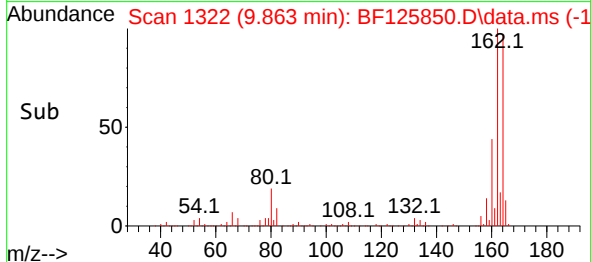
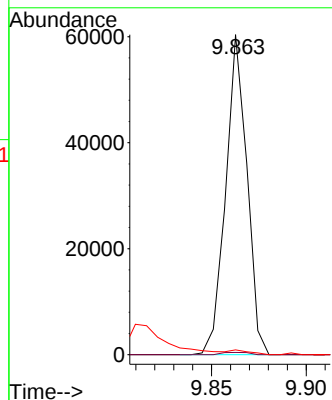
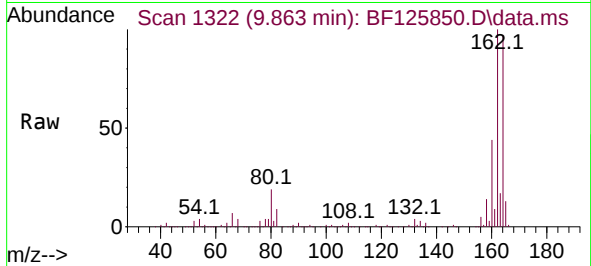




#51
2,6-Dinitrotoluene
Concen: 9.576 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

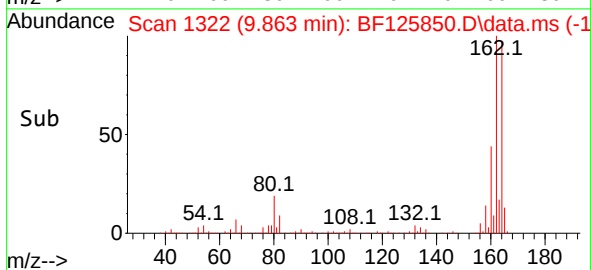
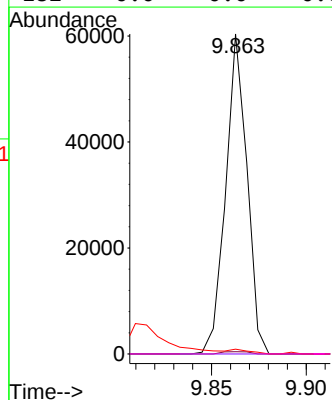
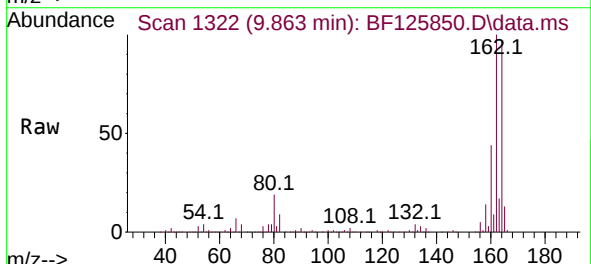
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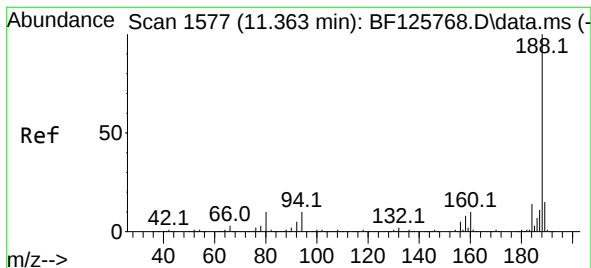
Tgt Ion:165 Resp: 47171
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.573 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion:165 Resp: 47171
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

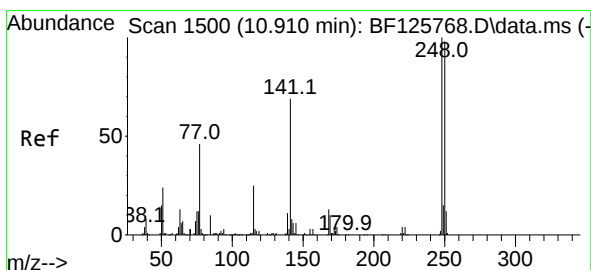
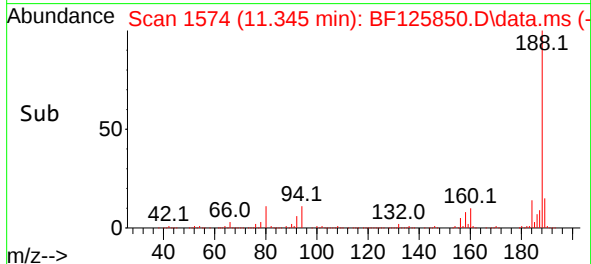
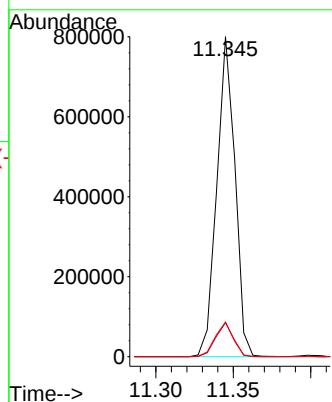
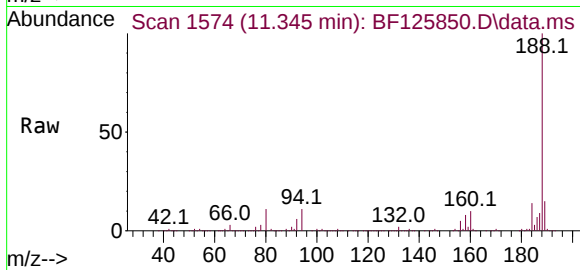




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

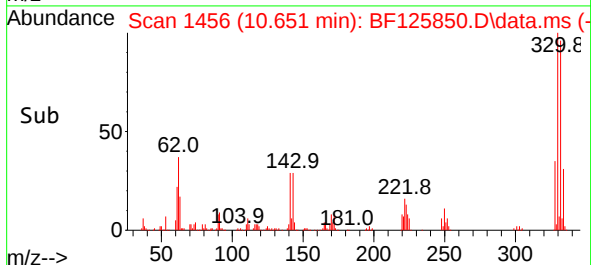
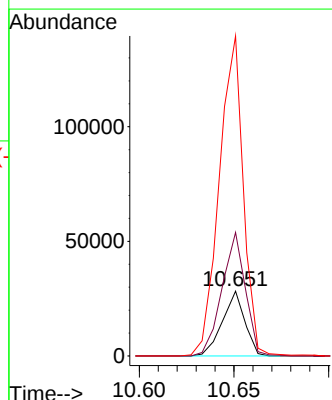
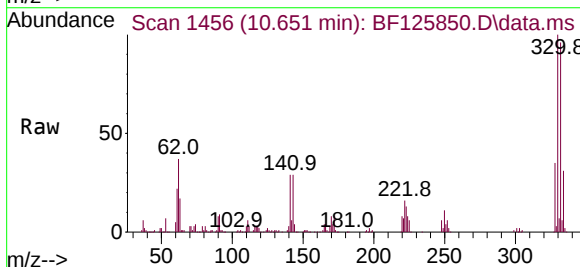
Instrument :
BNA_F
ClientSampled :
VNJ-209

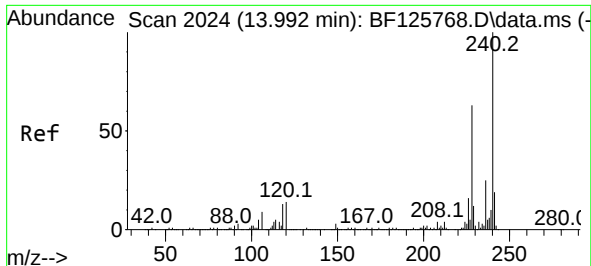
Tgt Ion:188 Resp: 650617
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 10.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.234 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.259 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion:248 Resp: 23303
Ion Ratio Lower Upper
248 100
250 190.7 74.2 111.4#
141 493.7 60.4 90.6#

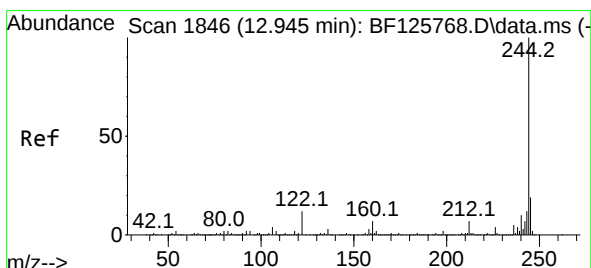
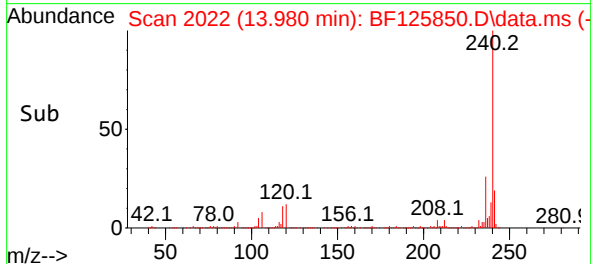
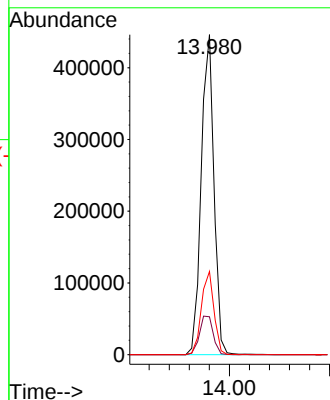
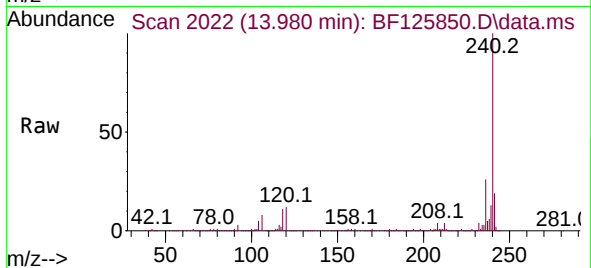




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

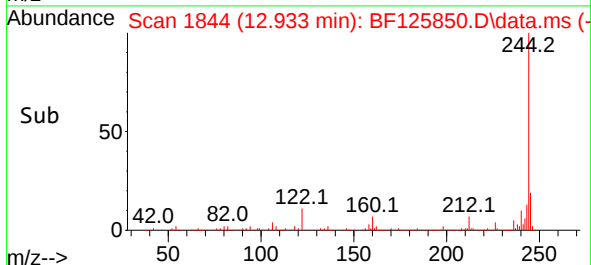
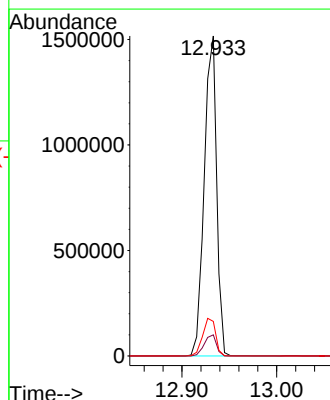
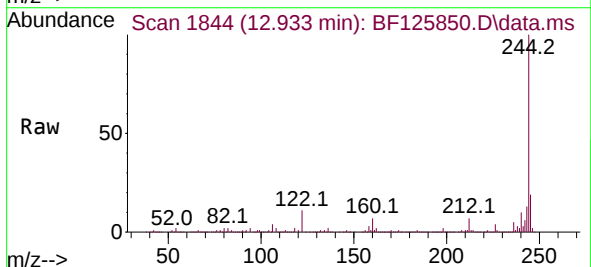
Instrument :
BNA_F
ClientSampleId :
VNJ-209

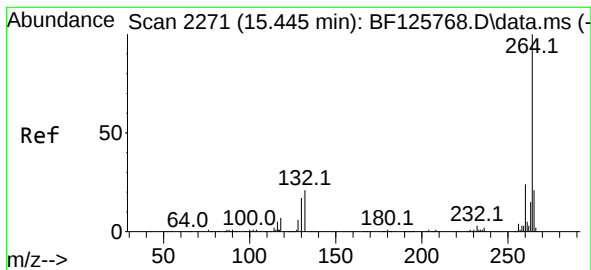
Tgt Ion:240 Resp: 394923
Ion Ratio Lower Upper
240 100
120 11.8 10.8 16.2
236 26.0 21.6 32.4



#79
Terphenyl-d14
Concen: 53.040 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF125850.D
Acq: 14 Oct 2021 18:08

Tgt Ion:244 Resp: 1375143
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.018 min
 Lab File: BF125850.D
 Acq: 14 Oct 2021 18:08

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Tgt Ion:264 Resp: 402364
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 20.8 17.2 25.8

