

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127722.D
 Acq On : 08 Apr 2022 19:24
 Operator : CG\JU
 Sample : N2317-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-1

Quant Time: Apr 11 02:22:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

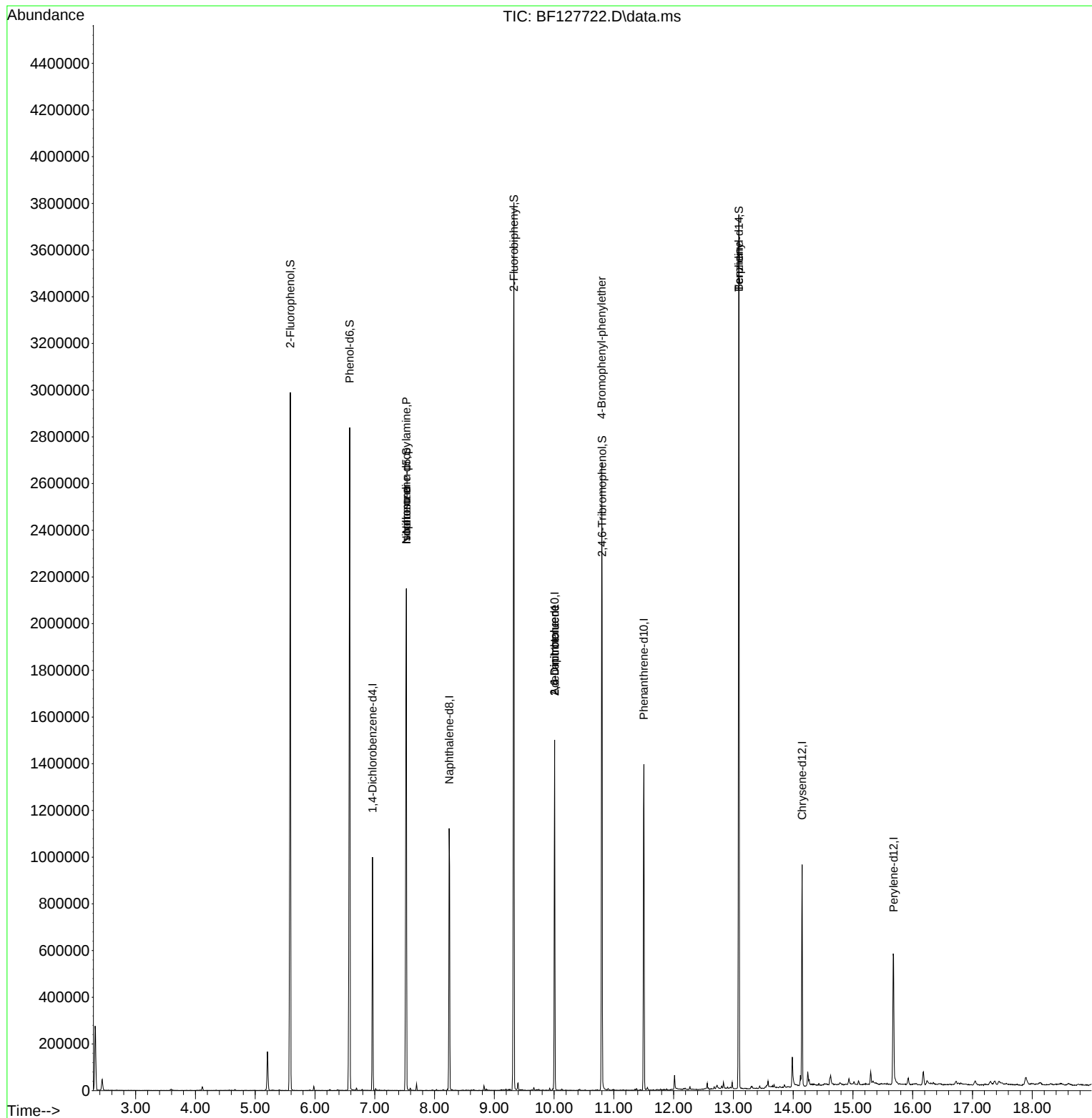
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	128760	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	476836	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	280217	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	514382	20.000	ng	0.00
76) Chrysene-d12	14.151	240	315126	20.000	ng	0.00
86) Perylene-d12	15.680	264	279876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	762512	96.226	ng	0.00
7) Phenol-d6	6.581	99	1008647	97.299	ng	0.00
23) Nitrobenzene-d5	7.528	82	705682	65.977	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	317031	106.317	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1170342	59.084	ng	0.00
79) Terphenyl-d14	13.092	244	1256636	65.821	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	146	Below Cal	#	51
19) n-Nitroso-di-n-propyla...	7.528	70	95981	14.315	ng	# 73
25) Isophorone	7.528	82	705793	37.817	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	36394	9.506	ng	# 16
57) 2,4-Dinitrotoluene	10.010	165	36394	7.667	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	20869	3.343	ng	# 1
77) Benizidine	13.092	184	18453	2.244	ng	# 92

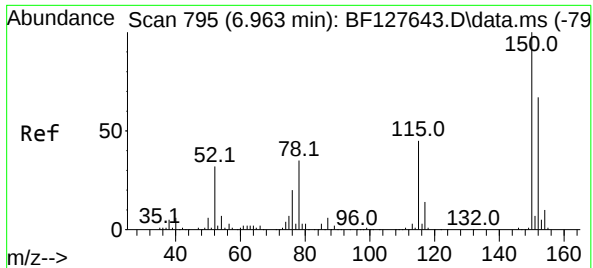
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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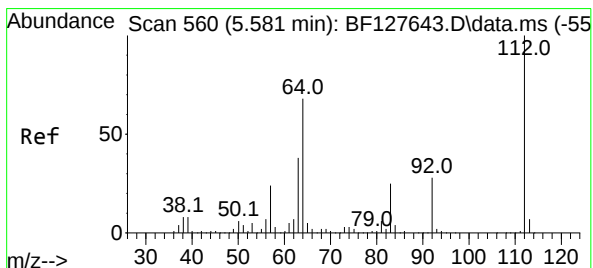
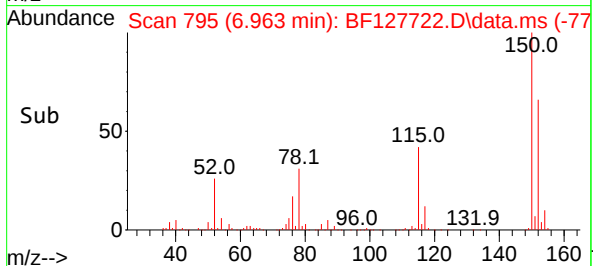
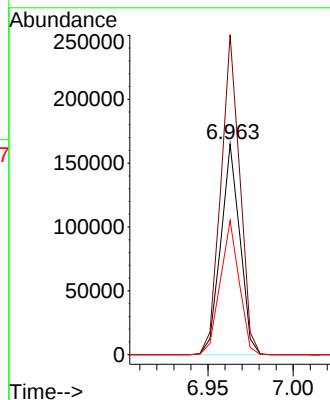
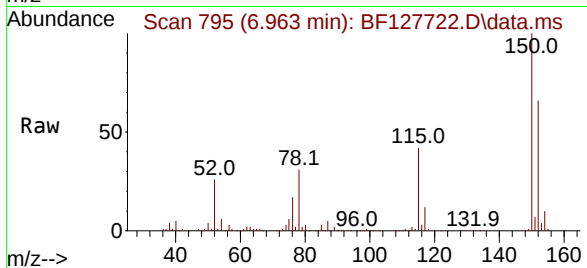




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

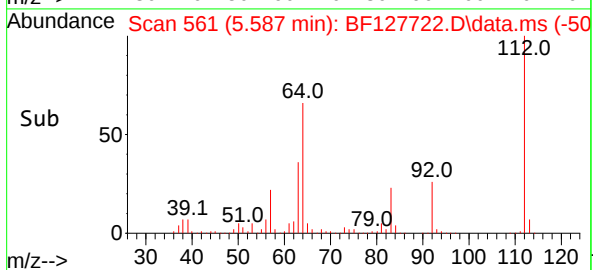
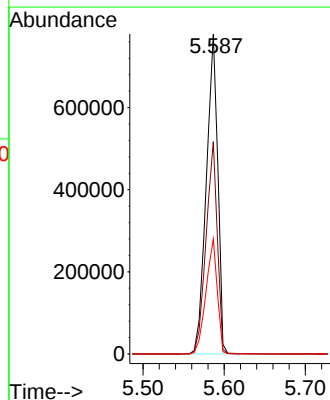
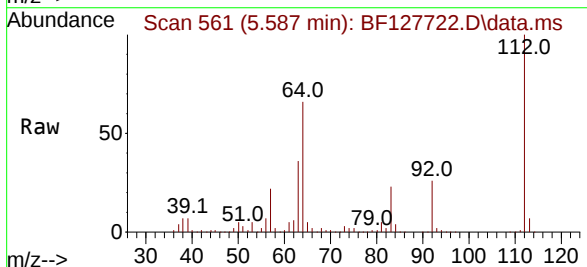
Instrument :
BNA_F
ClientSampleId :
NORTH-1

Tgt Ion:152 Resp: 128760
Ion Ratio Lower Upper
152 100
150 151.9 117.2 175.8
115 63.7 49.8 74.6



#5
2-Fluorophenol
Concen: 96.226 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

Tgt Ion:112 Resp: 762512
Ion Ratio Lower Upper
112 100
64 66.4 58.4 87.6
63 35.9 30.1 45.1

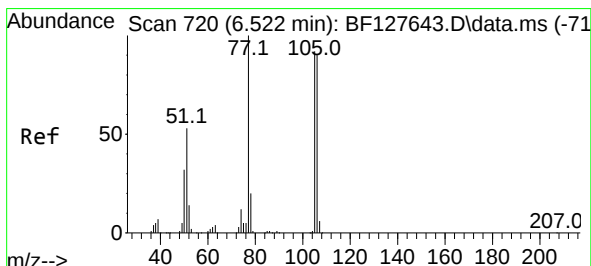
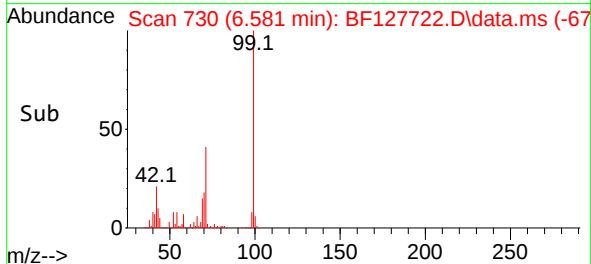
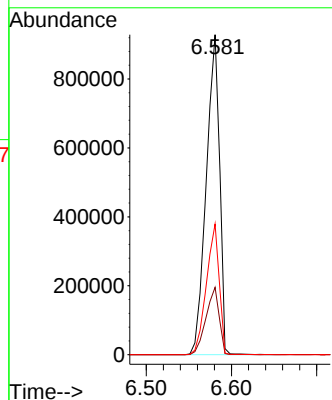
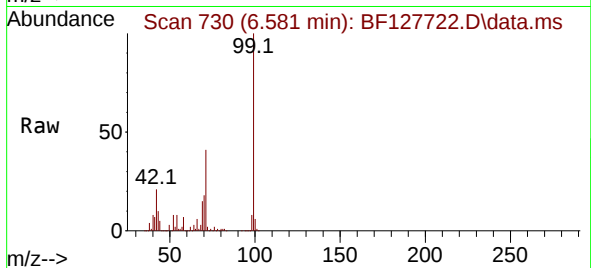




#7
Phenol-d6
Concen: 97.299 ng
RT: 6.581 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

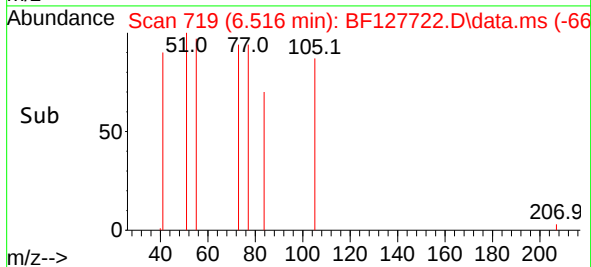
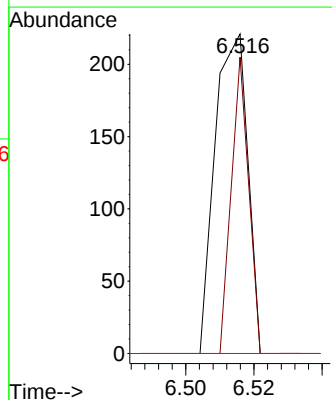
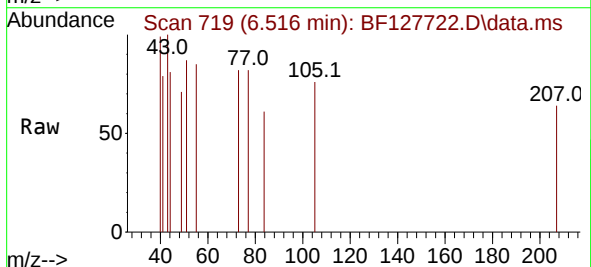
Instrument :
BNA_F
ClientSampleId :
NORTH-1

Tgt Ion: 99 Resp: 1008647
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 40.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

Tgt Ion: 77 Resp: 146
Ion Ratio Lower Upper
77 100
105 92.8 66.8 106.8
106 0.0 64.3 104.3

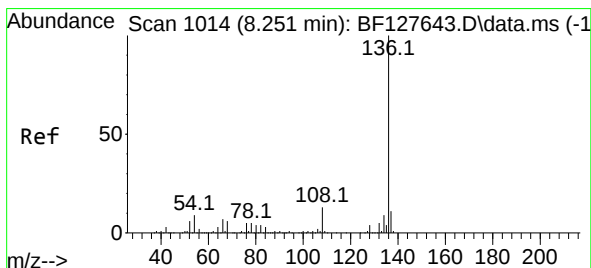
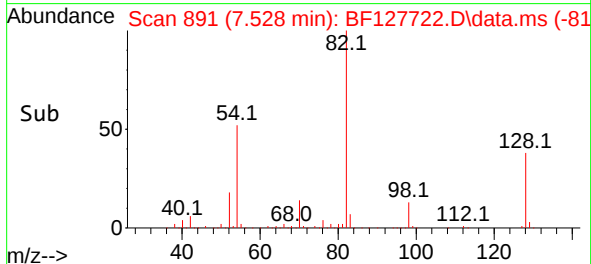
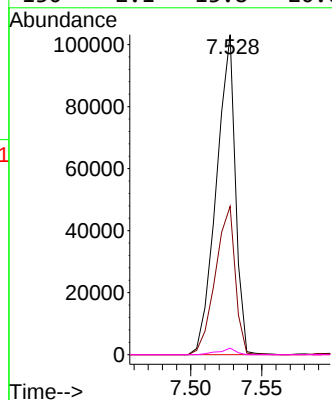
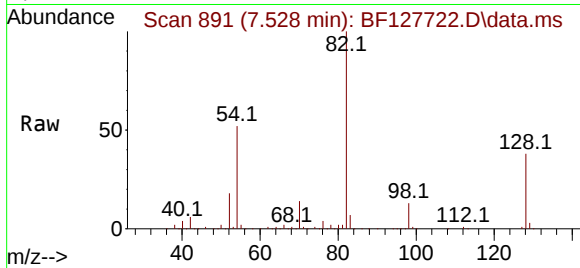




#19
n-Nitroso-di-n-propylamine
Concen: 14.315 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

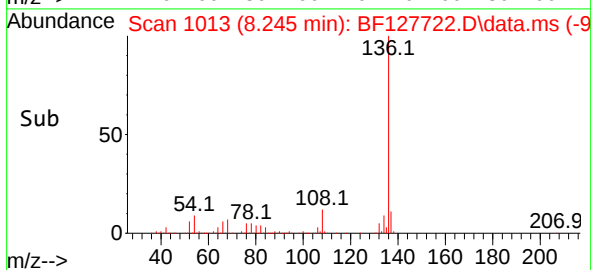
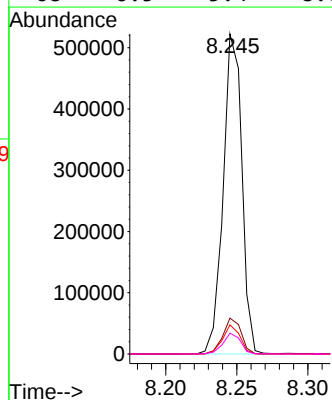
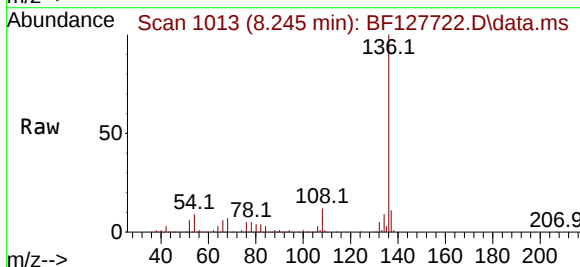
Instrument :
BNA_F
ClientSampleId :
NORTH-1

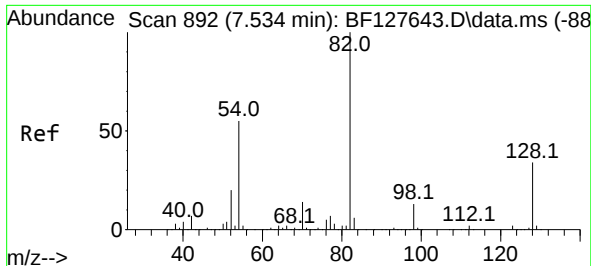
Tgt Ion: 70 Resp: 95981
Ion Ratio Lower Upper
70 100
42 46.3 53.0 79.6#
101 0.0 6.8 10.2#
130 2.1 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

Tgt Ion: 136 Resp: 476836
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 9.2 13.8#
68 6.5 5.4 8.0

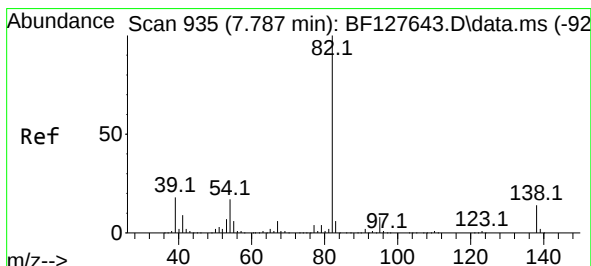
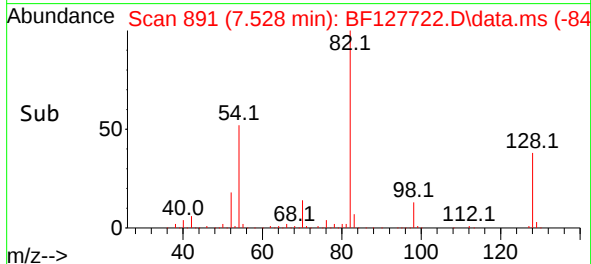
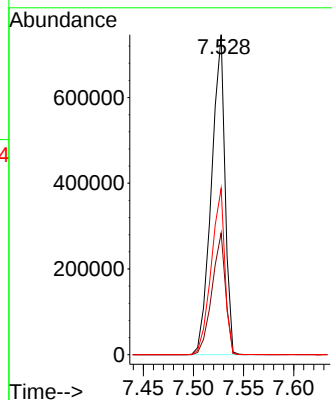
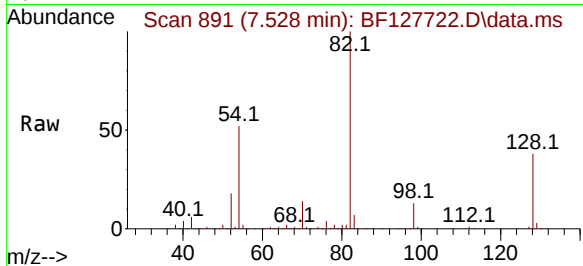




#23
Nitrobenzene-d5
Concen: 65.977 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

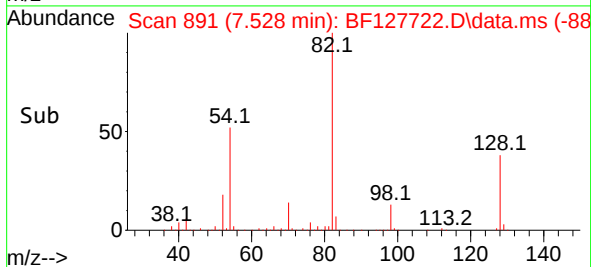
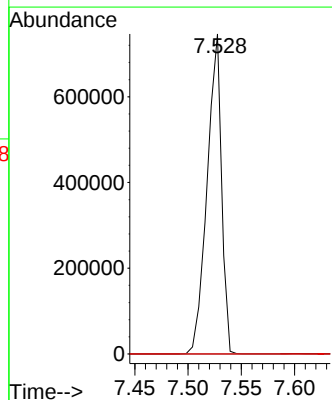
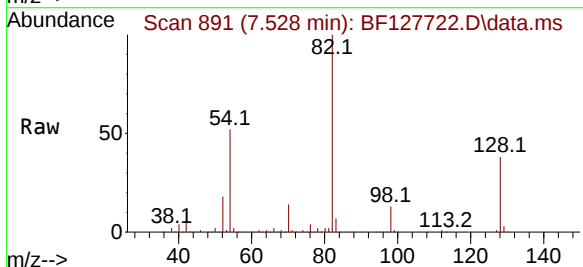
Instrument :
BNA_F
ClientSampleId :
NORTH-1

Tgt Ion: 82 Resp: 705682
Ion Ratio Lower Upper
82 100
128 38.1 30.6 45.8
54 52.0 48.2 72.2



#25
Isophorone
Concen: 37.817 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

Tgt Ion: 82 Resp: 705793
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

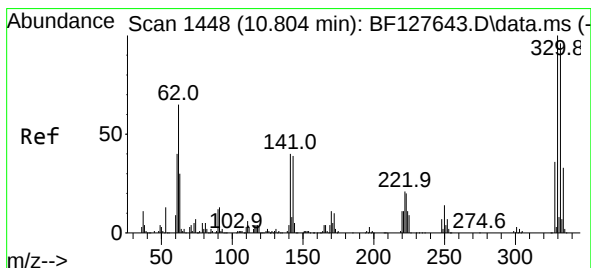
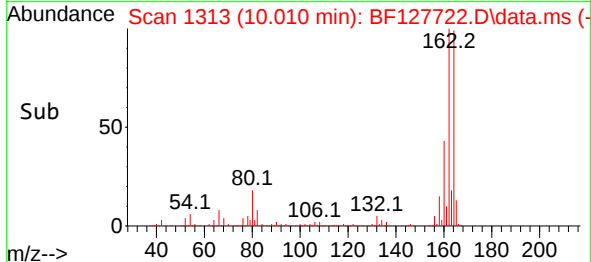
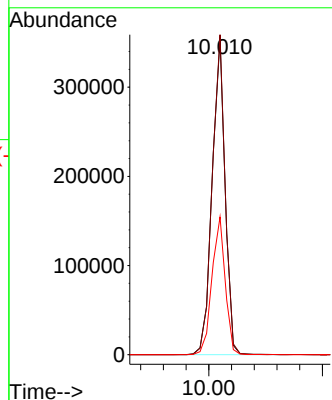
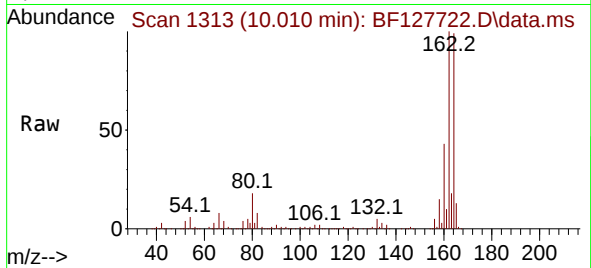




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

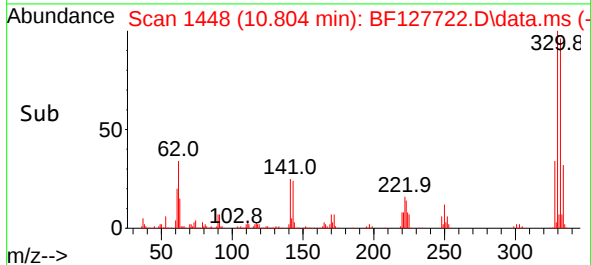
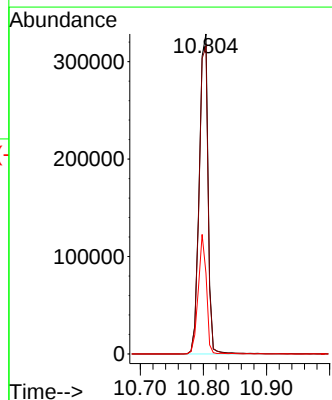
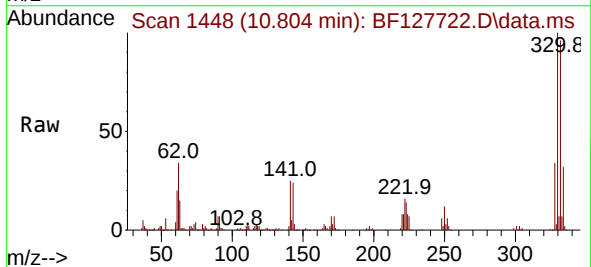
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ClientSampleId :
NORTH-1

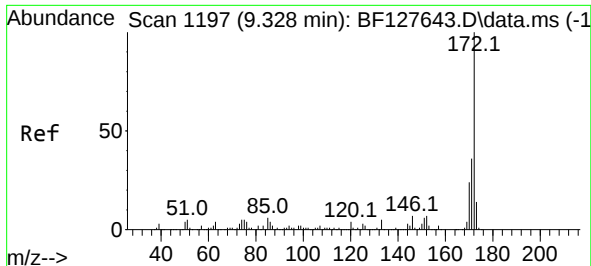
Tgt Ion:164 Resp: 280217
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 43.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 106.317 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

Tgt Ion:330 Resp: 317031
Ion Ratio Lower Upper
330 100
332 97.1 79.1 118.7
141 34.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 59.084 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127722.D

Acq: 08 Apr 2022 19:24

Instrument :

BNA_F

ClientSampleId :

NORTH-1

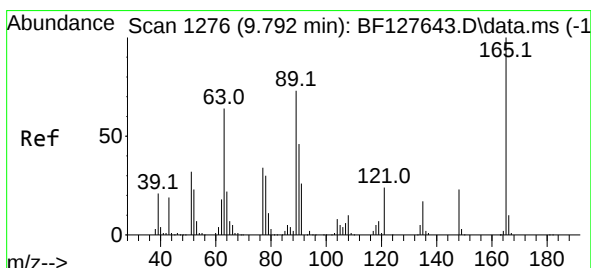
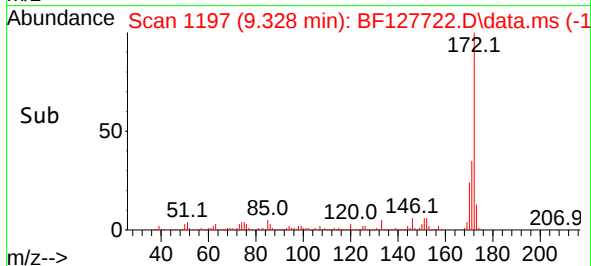
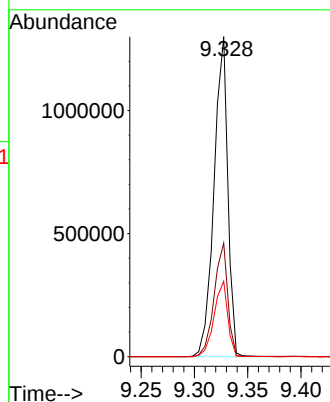
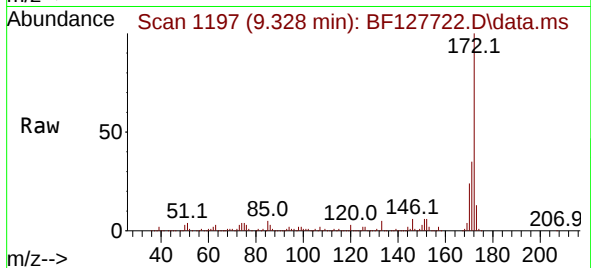
Tgt Ion:172 Resp: 1170342

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.506 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127722.D

Acq: 08 Apr 2022 19:24

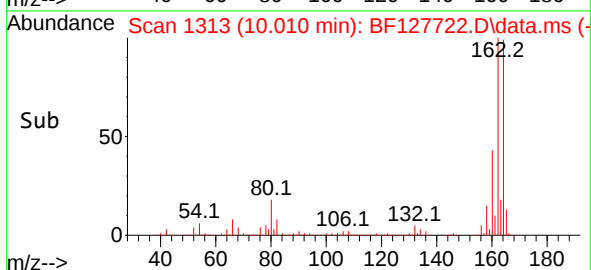
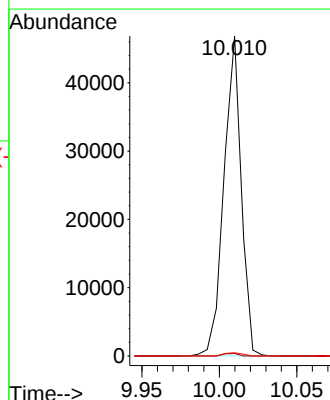
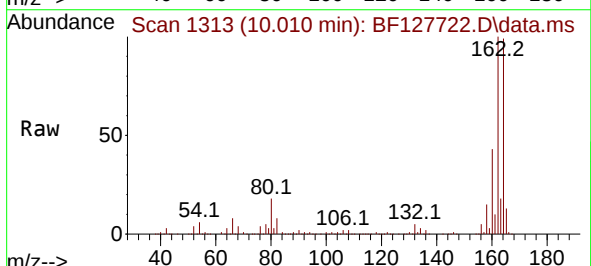
Tgt Ion:165 Resp: 36394

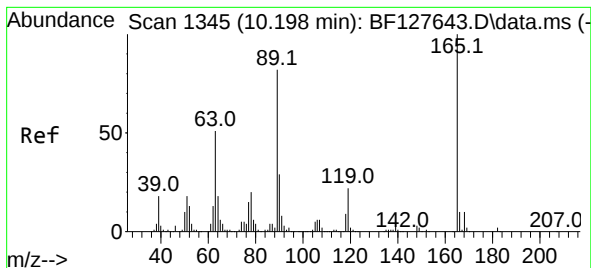
Ion Ratio Lower Upper

165 100

63 0.8 58.3 87.5#

89 1.0 51.5 77.3#

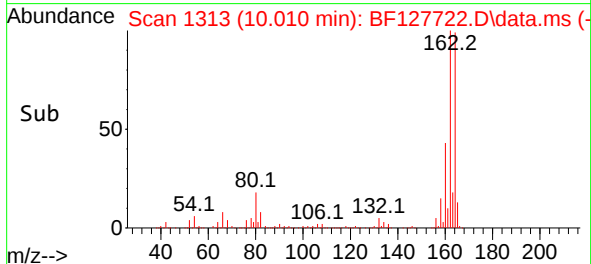
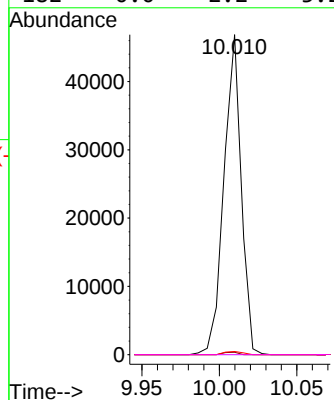
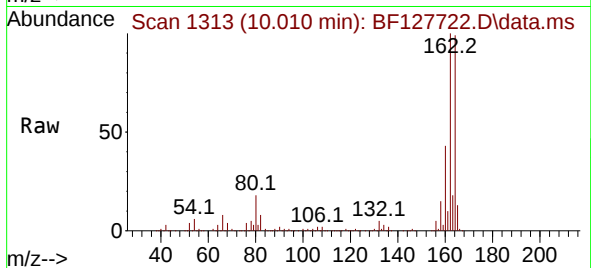




#57
2,4-Dinitrotoluene
Concen: 7.667 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

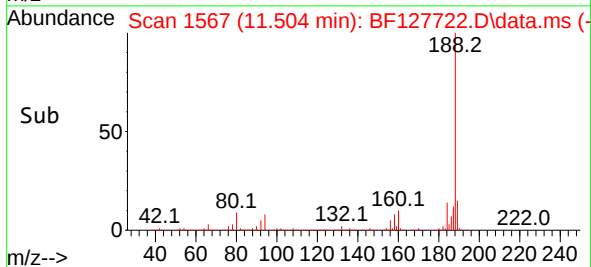
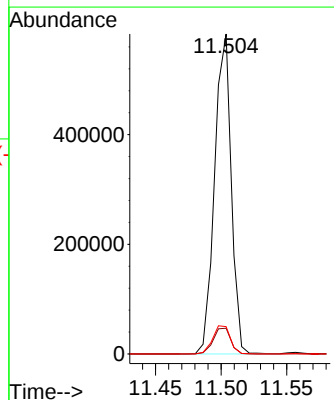
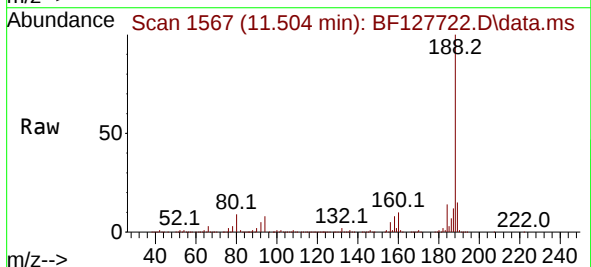
Instrument :
BNA_F
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NORTH-1

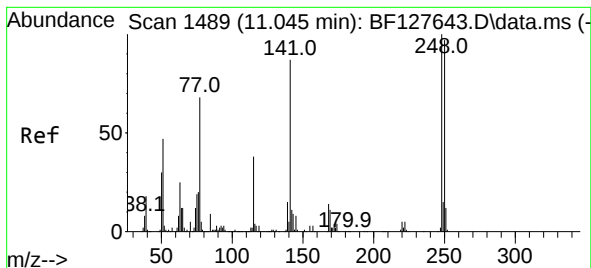
Tgt Ion:165 Resp: 36394
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

Tgt Ion:188 Resp: 514382
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.0
80 8.6 8.0 12.0

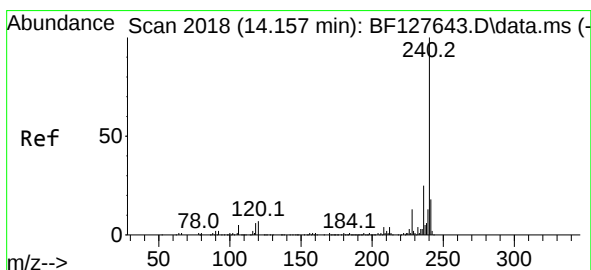
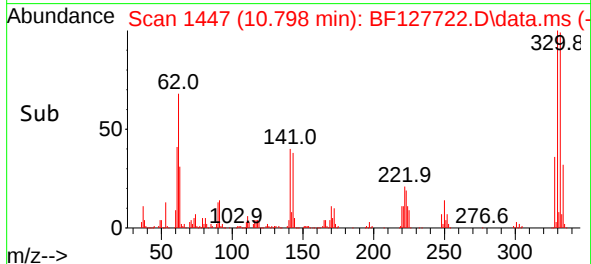
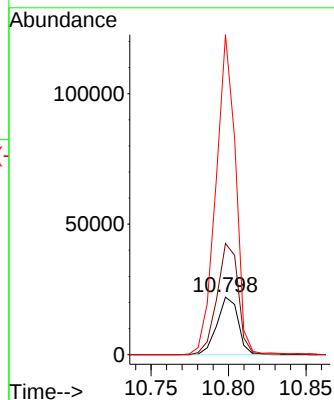
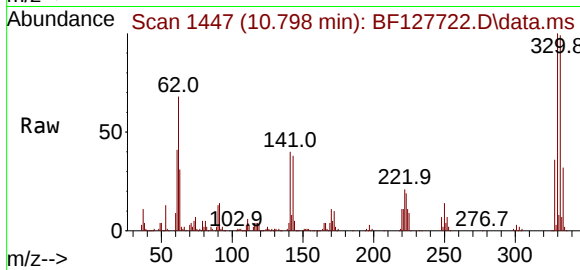




#67
4-Bromophenyl-phenylether
Concen: 3.343 ng
RT: 10.798 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

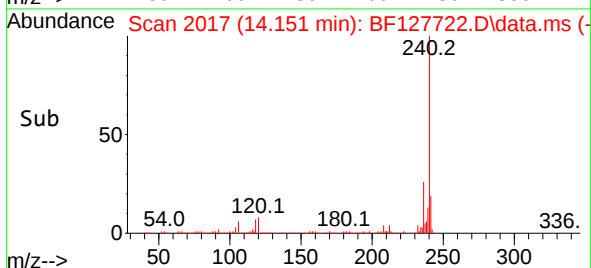
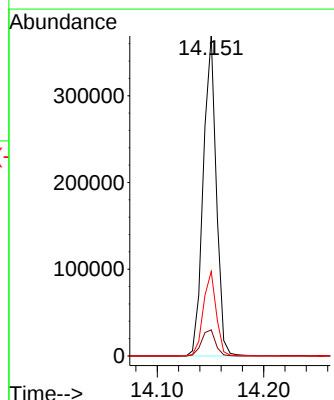
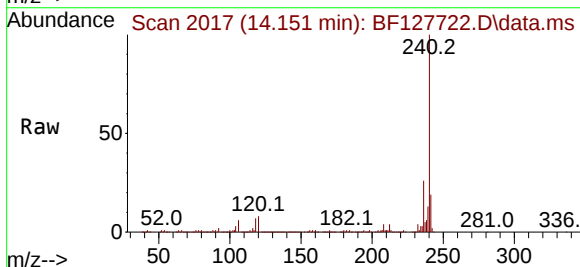
Instrument :
BNA_F
ClientSampleId :
NORTH-1

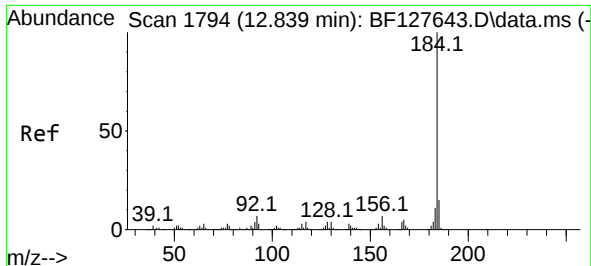
Tgt Ion:248 Resp: 20869
Ion Ratio Lower Upper
248 100
250 193.1 76.6 115.0#
141 555.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

Tgt Ion:240 Resp: 315126
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.4 20.7 31.1

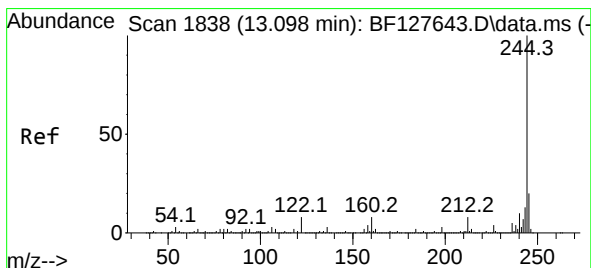
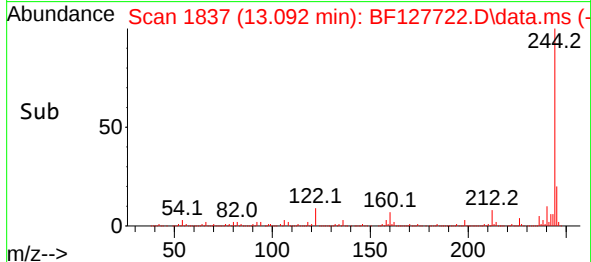
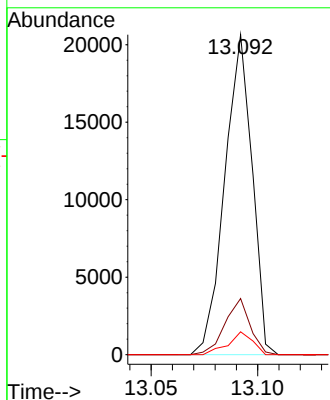
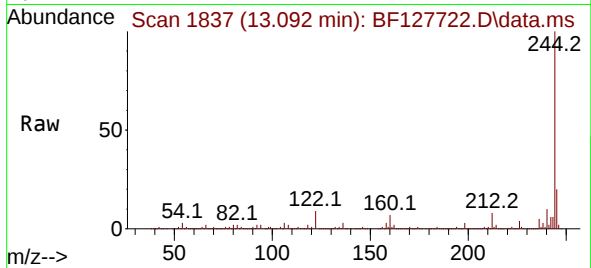




#77
Benzidine
Concen: 2.244 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

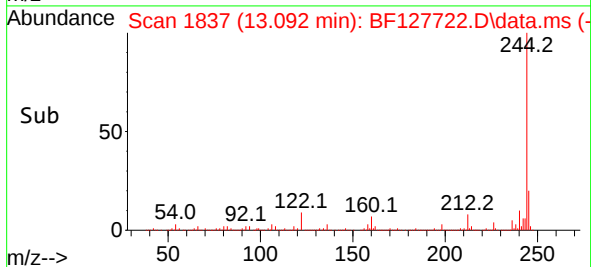
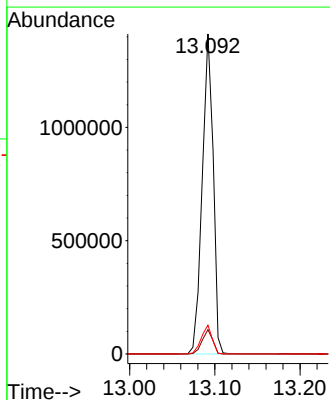
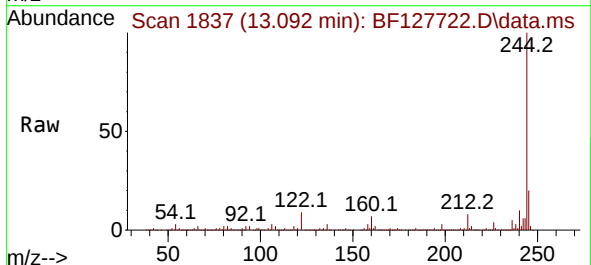
Instrument :
BNA_F
ClientSampleId :
NORTH-1

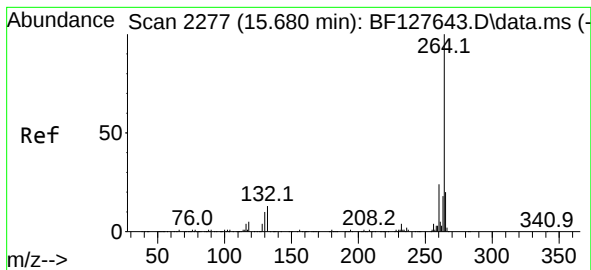
Tgt Ion:184 Resp: 18453
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.2
183 7.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 65.821 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

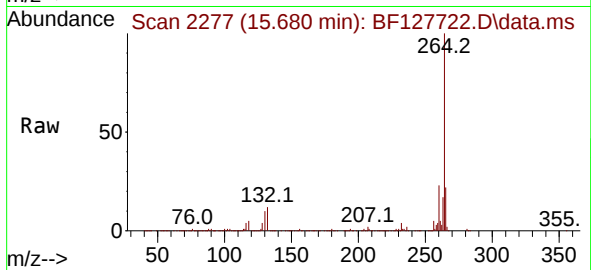
Tgt Ion:244 Resp: 1256636
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.0 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127722.D
Acq: 08 Apr 2022 19:24

Instrument :
BNA_F
ClientSampleId :
NORTH-1



Tgt Ion:264 Resp: 279876

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	22.1	17.4	26.2

